Current Automation

POWER SOLUTION PROVIDERS

Catalogue / Price Q3 2024

PRICELIST

Distributor

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INDEPENDENT POWER

www.victrondistributors.co.za

Prices are subject to change without prior notification

Ekrano GX

System Controller

Cerbo GX

Communication

Models

8000 -10.000 VA 15.000 VA

48 V 48 V 48 V

NEW

VENUS OS

- Fully featured GX communication device
- Real-time monitoring and complete control
- Easy access to ports
- Automatically start/stop generators
- Enables VRM - Remote Monitoring portal
- Improved Venus OS interface

NEW

Solar forecast

NEW

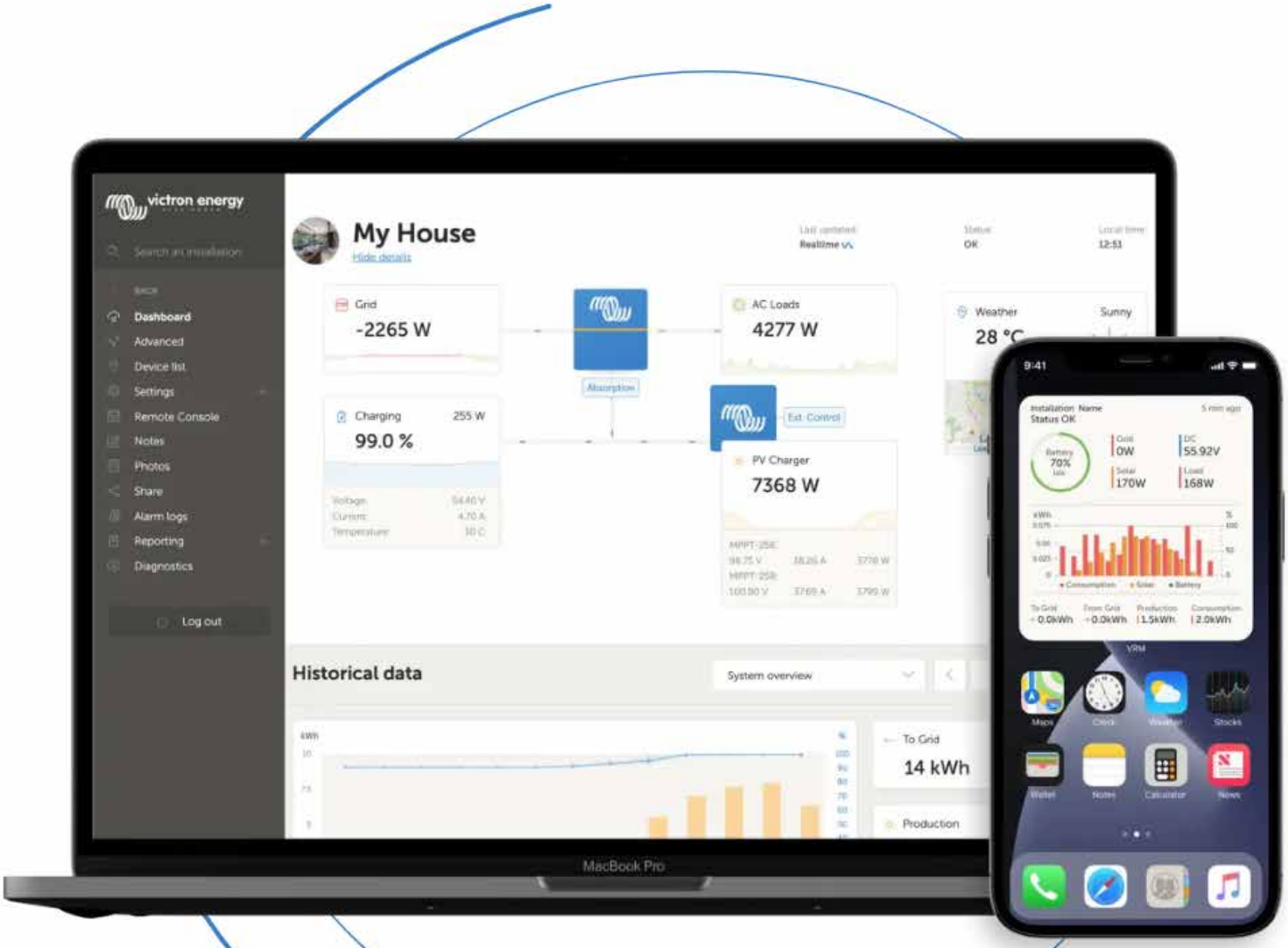
VRM app widgets

- Running on your phone's homescreen
- Instantly check the status
- Control the shore input current
- Manually start the generator
- Works with iOS and Android

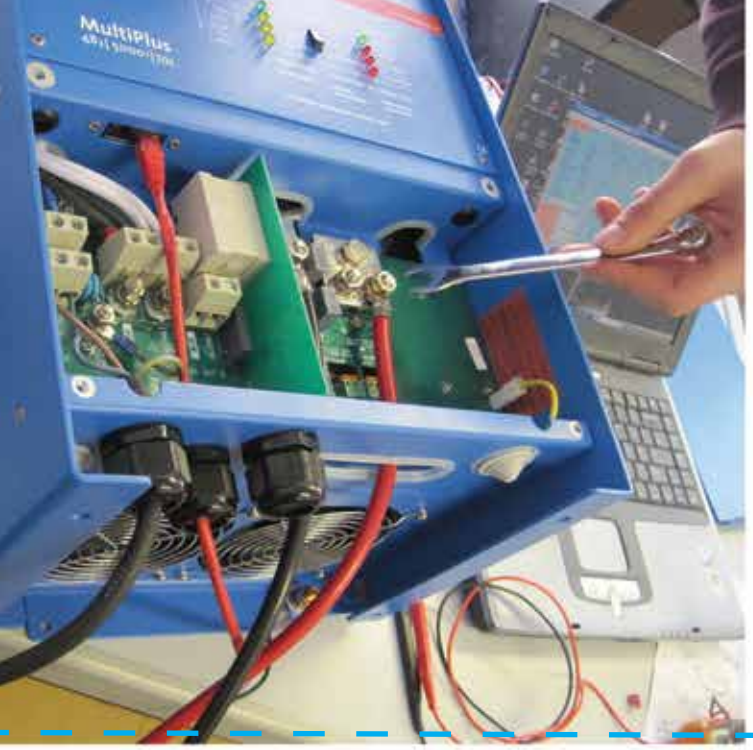
COMMUNICATION

victron energy

VRM widgets



MFD



Inverter/Chargers

If you have a solar power system then a Inverter or chargers can assist you by optimising the energy your system generates. If your solar power system generates more energy than your business or household requires, the surplus or excess energy can be fed back into the utility grid or used for additional loads through the use of Inverter or chargers.

Inverter or chargers ensure that you maximise the energy produced by your solar system. They also allow you to access energy from your utility grid when your stored solar energy is insufficient.

Multi Compact

Proven reliability – High start-up power

12V / 24V

The main output has no break functionality. The MultiPlus takes over the supply to the connected loads in the event of a grid failure or when shore/generator power is disconnected. This happens so fast (less than 20 milliseconds) that computers and other electronic equipment will continue to operate without disruption.

Prices Excluding VAT

Technical Data	Watt	Price	Order number
Multi+C12/800/35-16 **MultiPlus C 12/1200/50-16** **MultiPlus C12/1600/70-16** **MultiPlus C 12/2000/80-30** **MultiPlus C 24/1200/25-16** **MultiPlus C 24/1600/40-16** **MultiPlus C 24/2000/50-30**	**800Watt** **1200Watt** **1600Watt** **2000Watt** **1200Watt** **1600Watt** **2000Watt**	**R6 965** **R9 849** **R11 042** **R14 926** **R9 357** **R12 915** **R13 433**	Multi+C12/800/35-16 Multi+C12/1200/50-16 Multi+C12/1600/70-16 Multi+C12/2000/80-30 Multi+C24/1200/25-16 Multi+C24/1600/40-16 Multi+C24/2000/50-30

Model	PowerControl	PowerAssist	Transfer switch (A)
Multi+C12/800/35-16	yes	yes	16A
MultiPlus C 12/1200/50-16	yes	yes	16A
MultiPlus C12/1600/70-16	yes	yes	16A
MultiPlus C 12/2000/80-30	yes	yes	30A
MultiPlus C 24/800/16-16	yes	yes	16A
MultiPlus C 24/1200/25-16	yes	yes	16A
MultiPlus C 24/1600/40-16	yes	yes	16A
MultiPlus C 24/2000/50-30	yes	yes	30A

Prices Excluding VAT

MultiPlus 12V

9,5-17V Input range(V DC), 800-3000VA Continous output power at 25°C, Peak power(W) 1600-10.000.

The MultiPlus is a very powerful battery charger. It will, therefore, draw a lot of current from the generator or shore side supply (nearly 10 A per 5 kVA Multi at 230 VAC).

Technical Data		
Peak power (W)		**Order number**
MultiPlus 12/500/20-16 *MultiPlus 12/800/35-16* *MultiPlus 12/1200/50-16* *MultiPlus 12/1600/70-16*	**900W R5 212** **1600W R6 835** **2400W R9 546** **R10 835**	Multi 12/500/20-16 Multi 12/800/35-16 Multi 12/1200/50-16 Multi 12/1600/70-16
PowerControl	no	
Transfer switch	16A	
Input voltage range	9,5 – 17 V / 19 – 33 V / 38 – 66 V	
Output	Output voltage: 230VAC ± 2%	
Charger		
AC Input	187-265 VAC	
Charge current starter battery	1A (12V and 24V models only)	
Battery temperature sensor	yes	

Technical Data		
Peak power (W)		**Order number**
MultiPlus 12/3000/120-16 *MultiPlus 12/3000/120-50*	**6000W R18 450** **R19 911**	Multi+12/3000/120-16 Multi+12/3000/120
PowerControl	yes	
Transfer switch	50A	
Input voltage range	9,5 – 17 V / 19 – 33 V / 38 – 66 V	
Output	Output voltage: 120VAC ± 2%	
Charger		
AC Input	Input voltage range: 95-140 VAC	
Charge current starter battery	120/70	
Battery temperature sensor	yes	

MultiPlus 24V

19–33V Input range(V DC), 800-5000VA Continous output power at 25°C, Peak power(W) 1600-10.000.

The MultiPlus is a very powerful battery charger. It will, therefore, draw a lot of current from the generator or shore side supply (nearly 10 A per 5 kVA Multi at 230 VAC). With the Multi Control Panel, a maximum generator or shore current can be set.

Prices Excluding VAT

Technical Data		
Peak power (W)		**Order number**
500/10-16 *MultiPlus 24/800/16-16*	**900W R4 692** **1600W R6 534**	Multi 24/500/10-16 Multi 24/800/16-16
PowerControl	No	
Transfer switch	16A	
Input voltage range	9,5 – 17 V 19 – 33 V 38 – 66 V	
Output	Output voltage: 230VAC ± 2%	
Charger		
AC Input	187-265 VAC	
Charge current starter battery (A)	1A (12 V and 24 V models only)	
Battery temperature sensor	yes	

Prices Excluding VAT

Technical Data		
Peak power (W)		**Order number**
MultiPlus 24/1200/25-16 *MultiPlus 24/1600/40-16* *MultiPlus 24/2000/50-32* *MultiPlus 24/3000/70-50* *MultiPlus 24/5000/120-100*	**R8592** **R11 405** **R11 488** **6000W R17 921** **10 000W R34 977**	Multi 24/1200/25-16 Multi 24/1600/40-16 Multi+24/2000/50-32 Multi+24/3000/70-50 Multi+24/5000/120
PowerControl	yes	
Transfer switch	50A	
Input voltage range	9,5 – 17 V 19 – 33 V	
Output	Output voltage: 120 VAC ± 2%	
Charger		
AC Input	Input voltage range: 95-140 VAC	
Charge current starter battery (A)	4 (12 V and 24 V models only)	
Battery temperature sensor	yes	

Interface MK3-USB (VE.Bus to USB)

Connects to a USB port:
R963.00
Order number: MK3-USB

MultiPlus 48V

38–66V Input range(V DC), 3000-5000VA Continous output power at 25°C, Peak power(W) 1600-10.000.

The MultiPlus is a very powerful battery charger. It will, therefore, draw a lot of current from the generator or shore side supply (nearly 10 A per 5 kVA Multi at 230 VAC). With the Multi Control Panel, a maximum generator or shore current can be set. The MultiPlus will then take account of other AC loads and use whatever is extra for charging, thus preventing the generator or shore supply from being overloaded.

Prices Excluding VAT

Technical Data		
Peak power (W)		**Order number**
MultiPlus 48/500/20-16	**R3 627**	Multi 48/500/6-16
MultiPlus 48/1600/20-16	**R7 961**	Multi 48/1600/20-16
PowerControl	No	
Transfer switch	16A	
Input voltage range	9,5 – 17 V 19 – 33 V 38 – 66 V	
Output	Output voltage: 230VAC ± 2%	
Charger		
AC Input	187-265 VAC	
Charge current starter battery (A)	1 (12 V and 24 V models only)	
Battery temperature sensor	yes	

Prices Excluding VAT

Technical Data		
Peak power (W)		**Order number**
Multi 48/800/8-16 *Multi 48/1200/13-16* *MultiPlus 48/3000/35-16* *MultiPlus 48/3000/35-50* *MultiPlus 48/5000/70-100*	1600W **R4 269** 2400W **R6 792** 2500W **R11 506** 6000W **R21 068** 10.000W **R16 291**	Multi 48/800/9-16 Multi 48/1200/13-16 Multi+48/3000/35-16 Multi+48/3000/35-50 Multi+48/5000/70-100
PowerControl	yes	
Transfer switch	16A	
Input voltage range	9,5 – 17 V 19 – 33 V 38 – 66 V	
Output	Output voltage: 230VAC ± 2%	
Charger		
AC Input	187-265 VAC	
Charge current starter battery (A)	4 (12 V and 24 V models only)	
Battery temperature sensor	yes	

Current Automation

Contact us regarding our unique backplate options

Quattro 3-15kVA 12/24/48V

PowerControl / PowerAssist

The Quattro is a very powerful battery charger. It will therefore draw a lot of current from the generator or shore side supply (16A per 5kVA Quattro at 230VAC).

* Ultra-fast Maximum Power Point Tracking (MPPT)
* Load output

Quattro 3-15kVA 12/24/48V

Prices Excluding VAT

Technical Data		
Peak power (W)		**Order number**
Quattro 24/5000/120-100/100 Quattro 24/8000/200-100/100 Quattro 48/5000/70-100/100 Quattro 48/8000/110-100/100 Quattro 48/10000/140-100/100 Quattro 48/15000/200-100/100	10000W **R35 141** 16000W **R44 353** 10000W **R23 187** 16000W **R30 604** 20000W **R36 565** 25000W **R48 037**	QUATTRO 24/5000/120 QUATTRO 24/8000/200 QUATTRO 48/5000/70 QUATTRO 48/8000/110 QUATTRO 48/10000/140 QUATTRO48/15000/200
PowerControl	yes	
Transfer switch	yes	
Input voltage range	Input voltage range: 187-265 VAC	
Output	Output voltage: 230 VAC ± 2%	
Charger		
Charge current starter battery	4 (12V and 24V models only)	
Battery temperature sensor	yes	
VE.Bus communication port	For parallel and three phase operation, remote monitoring and system integration	

MultiPlus-II

The Victron Energy MultiPlus-II inverter/charger combines the functions of the MultiPlus and the MultiGrid. It has all the features of the MultiPlus, plus an external current transformer option which extends the PowerControl and PowerAssist function to 100A.

Technical Data			
Peak power (W)		**Price excluding VAT**	**Pastel code**
MultiPlus II 12/3000/120-32 230V	5500W	**R18 031**	**MultiPlus-II12/3000**
MultiPlus II 24/3000/70-32 GX	5500W	**R14 129**	**MultiPlus-II24/3000G**
MultiPlus II 24/5000/120-50 230V		**R28 708**	**MultiPlus-II 24/5000**
MultiPlus II 48/3000/35-32	38-66V/5500W	**R8 209**	**MultiPlus-II 48/3000**
MultiPlus II 48/3000/35-32 GX	5500W	**R15 612**	**MultiPlus-II48/3000G**
MultiPlus-II 48/5000/70-50		**R13 715**	**MultiPlus-II 48/5000**
Muiliplus II 48/5000/70-50GX		**R12 959**	**MultiPlus-II48/5000G**
MultiPlus-II 48/8000/110-100/100		**R22 590**	**MultiPlus-II 48/8000**
MultiPlus-II 48/10000/140-100/100 230V		**R26 982**	**MultiPlus-II48/10000**
Transfer switch	32A		
Charger			
AC Input	Input voltage range: 187-265 VAC		
Battery temperature sensor	VE.Bus Smart dongle (6) (optional)		

visit website for full spec and download on the EasyPlus inverters

visit website for full spec and download on the MultiPlus II inverters

Current transformer 100A:50mA for MultiGrid II

CurrentTransf. 5M R578

CurrentTransf. 1M R517

Victron Cerbo GX MK2

This all-new communication-centre allows you to always have perfect control over your system from wherever you are and maximises its performance. Simply connect through our Victron Remote Management (VRM) portal, or access directly, using the separate GX Touch, a MFD or our VictronConnect App thanks to its added Bluetooth capability. The RJ45 ports have been rotated for easier access to remove cables.

EasySolar 12/24/48V

All-in-one solar power solution

The MPPT charge controller and the MultiPlus Compact inverter/ charger share the DC battery cables (included). The batteries can be charged with solar power (BlueSolar MPPT) and/or with AC power (inverter/charger) from the utility grid or a genset.

visit website for full spec and download on the EasySolar

Prices Excluding VAT

Technical Data		
Peak power (W)		**Order number**
EasySolar 12/1600/70 **EasySolar 24/1600/40**	12V/1600W **R14 984** 24V/1600W **R14 984**	EasySolar 12/1600/70 EasySol24/1600/40
Transfer switch	16A	
Charger		
AC Input	Input voltage range: 187-265 VAC Input frequency: 45 – 65 Hz Power factor: 1	
Battery temperature sensor	yes	
Solar Charge Controller		
Maximum output current	**50A**	
Maximum output current	**700W / 1400W**	

Technical Data		
Peak power (W)		**Order number**
EasySolarII 48/3000/35-32	48V/6000W **R18 619**	EasySol-II 48/3000
Transfer switch	50A	
Charger		
AC Input	Output voltage: 230VAC ± 2% Frequency: 50 Hz ± 0,1% (1)	
Battery temperature sensor	yes	
Solar Charge Controller		
Maximum output current	**70A**	
Maximum output current	**2000W / 4000W**	

EasySolar-II 48/5000

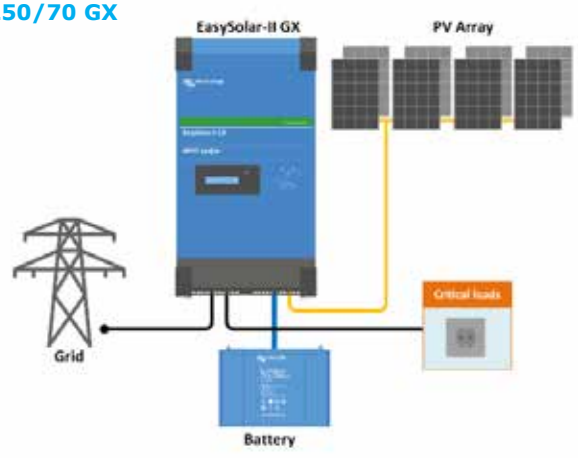
The EasySolar-II GX combines an MPPT Solar Charge Controller, an inverter/charger and control hub in one enclosure. The product is easy to install, with a minimum of wiring.

EasySol-II 48/5000
R23 631 Excluding VAT

EasySolar-II GX

The EasySolar-II GX combines a MPPT Solar Charge Controller, an inverter/charger and control hub in one enclosure. The product is easy to install, with a minimum of wiring.

EasySolar-II 24/3000/70-32 MPPT 250/70 GX
R18 619 Excluding VAT



Off-Grid Inverters

If you are looking to take your home or business completely "off-grid" and become independent from your unreliable electricity supplier then you will require an off grid inverter. This device is used in conjunction with other components to store energy that is generated from solar, wind or hydro-powered systems. This device ensures that you have access to stored surplus power when energy production is insufficient.

Victron Energy's range of off grid inverters offers you a multi-functional power solution. Our inverters offer optimised efficiency without compromising on performance. We supply an extensive range of off grid inverters with multiple volt and amp options to ensure you are equipped with the device that is best suited to your system requirements.

Phoenix Inverter 3000VA

12 / 24 / 48 Volt.

Pure sine wave output, high peak power and high efficiency. Combined high frequency and line frequency technologies ensure the best of both worlds.

Developed for professional duty, the Phoenix range of inverters is suitable for the widest range of applications. The design criteria have been to produce a true sine wave inverter with optimised efficiency but without compromise in performance.

Prices Excluding VAT

Technical Data		
Peak power (W)		**Order Code**
12/3000 R13 401 **24/3000 R13 401** **48/3000 R12 960**	12V/3000W 24V/3000W 48V/3000W	PhoenixInver 12/3000 PhoenixInver 24/3000 PhoenixInver 48/3000
Parallel and 3-phase operation	yes	
Input voltage range (V DC)	Input voltage range (V DC) 9,5 – 17V 19 – 33V 38 – 66V	
Output	Output voltage: 230 VAC ±2% Frequency: 50 Hz ± 0,1% (1)	
GENERAL		
Programmable relay	Yes	
Remote on-of	yes	
Safety	EN 60335-1	

Phoenix Inverter 5000VA

12 / 24 Volt.

Pure sine wave output, high peak power and high efficiency. Combined high frequency and line frequency technologies ensure the best of both worlds.

Developed for professional duty, the Phoenix range of inverters is suitable for the widest range of applications. The design criteria have been to produce a true sine wave inverter with optimised efficiency but without compromise in performance.

Prices Excluding VAT

Technical Data		
Peak power (W)		**Order Code**
24/5000 R23 372 *48/5000 R19 228*	12V/3000W 24V/3000W	PhoenixInver 24/5000 PhoenixInver 48/5000
Parallel,3-phase and split-phase operation	yes	
Inverter		
Peak power (W)	6000	
Output	Output voltage: 120 VAC ±2% Frequency: 60 Hz ± 0,1% (1)	
Zero load power (W)	20	
Remote on-off	yes	

Phoenix Inverter Compact 1200VA - 2000VA

12 / 24 Volt.

The Phoenix Inverter Compact is a pure sine wave inverter with a high efficiency. It is developed for professional duty and suitable for the wides range of applications.
The Phoenix Inverters Compact is available from 1200VA up to 2000VA in 12V or 24V.

Prices Excluding VAT

Technical Data		
Peak power (W)		**Order Code**
C12/1200 R5 495 **C12/1600 R7 734** **C12/2000 R9 342**	12V/1200W 12V/1600W 12V/2000W 24V/2000W	PhoenixInverC12/1200 PhoenixInverC12/1600 PhoenixInverC12/2000
INVERTER		
Input voltage range (V DC)	9,5 – 17V 19 – 33V 38 – 66V	
Output	yes	
Safety	Output voltage: 230 VAC ±2% Frequency: 50 Hz ± 0,1% (1)	

Current Automation

Phoenix Inverter Smart 1600VA & 2000VA

The Phoenix Inverter Smart is an efficient and reliable inverter. Built on our proven and field tested Phoenix inverter platform, it now comes with a new slimmer design and full metal casing. Models are available in 1600VA and 2000VA for 12, 24 or 48V systems.

It's powerful enough to supply most common plug in appliances in your car, boat, caravan or home. A toroidal transformer provides a high peak power surge capacity, stable voltage, frequency and high quality sine-wave.

Installation is simpler than ever before with terminals now more accessible for the installer, enabling a more professional finish.

Bluetooth is built-in, and makes setting up your high power inverter easier than ever before.

Configure alarms, alarm relay, voltage cut-off, output voltage, frequency, eco-mode and more, all from within VictronConnect.

Prices Excluding VAT

Phoenix Inverter smart

Order number	Price
Phoenix Inverter 12/1600 Smart	R7,547
Phoenix Inverter 12/2000 Smart	R8,997
Phoenix Inverter 12/3000 Smart	R12,106
Phoenix Inverter 24/1600 Smart	R7,547
Phoenix Inverter 24/2000 Smart	R11,691
Phoenix24/3000 Smart	R14,156
Phoenix24/5000 Smart	R22,284
Phoenix Inverter 48/1600 Smart	R7,547
Phoenix Inverter 48/2000 Smart	R8,997
Phoenix Inverter 48/3000 Smart	R12,778
Phoenix Inverter 48/5000 Smart	R19,150

Phoenix Inverter 800VA-12/24/48V

12 / 24 / 48 Volt.

Developed for professional duty, the Phoenix range of inverters is suitable for the widest range of applications. The design criteria have been to produce a true sine wave inverter with optimized efficiency but without compromise in performance. Employing hybrid HF technology, the result is a top quality product with compact dimensions, light in weight and capable of supplying power, problem free, to any load.

Prices Excluding VAT

Technical Data		
Peak power (W)		**Order Number**
12/800 R3 553 **24/1200 R4 699** **48/800 R3 553**	12V/1600W 24V/2100W 48/1600W	Phoenix12/800VE.Sch Phoenix24/1200VE.Sch Phoenix48/800VE.Sch
Cont. AC power at 25°C (VA)	700 / 650	
Output AC voltage / frequency	110 VAC or 230 VAC +/- 3% 50 Hz or 60 Hz +/- 0,1%	
ENCLOSURE		
Protection category	IP 20	
Remote on-off switch	Two pole connector	
Automatic transfer switch	Filax	

Phoenix Smart IP43

Order number	Price	Order code
Phoenix Smart IP43 Charger 12/30(1+1)	R4,971	PnixIP43Smt12/30 1+1
Phoenix Smart IP43 Charger 12/30(3)	R4,272	PnixIP43Smt12/30 3
Phoenix Smart IP43 Charger 12/50(1+1)	R6,350	PnixIP43Smt12/50 1+1
Phoenix Smart IP43 Charger 12/50(3)	R6,707	PnixIP43Smt12/50 3
Phoenix Smart IP43 Charger 24/16(1+1)	R4,971	PnixIP43Smt24/16 1+1
Phoenix Smart IP43 Charger 24/16(3)	R5,352	PnixIP43Smt24/16 3
Phoenix Smart IP43 Charger 24/25(1+1)	R6,350	PnixIP43Smt24/25 1+1
Phoenix Smart IP43 Charger 24/25(3)	R6,707	PnixIP43Smt24/25 3

Phoenix Inverter 1200VA-12/24/48V

Prices Excluding VAT

Technical Data		
Peak power (W)		**Order Number**
12/1200 R4 699	12V/24000W	Phoenix12/1200VE.Sch
48/1200 R4 229	48/24000W	Phoenix48/1200VE.Sch
Cont. AC power at 25°C (VA)	1000 / 900	
Output AC voltage / frequency	110 VAC or 230 VAC +/- 3% 50 Hz or 60 Hz +/- 0,1%	
ENCLOSURE		
Protection category	IP 20	
Remote on-off switch	Two pole connector	
Automatic transfer switch	Filax	

visit website for full spec and download on the Phoenix range

Current Automation

Phoenix Inverter VE.Direct

Intelligent alarms, shut-downs, and re-starts

A high power draw on start-up can trigger false alarms, and shut-downs. Phoenix makes allowance for this and only shuts down in cases of persistent overload. Intelligently - shut downs will be followed by a series of re-starts - to eliminate 'false alarms'.

Highly Reliable - built for the years ahead

Phoenix Inverters are built to last. They feature sophisticated full-bridge and toroidal transformer topology - which is suitable for powering sensitive electronics. They are overload, temperature, and short-circuit protected.

Full bursts - High Peak output

Some electronic devices - particularly those which have an electric motor - require short burst of energy on start-up which is much higher than their rated power consumption. No problem - the Phoenix inverter has industry-leading peak-power capability.

250VA

Order Code:
12V: Phoenix12/250VE.Sch
24V: Phoenix24/250VE.Sch
48V: Phoenix48/250VE.Sch

Technical Data	
Peak power (W)	
12/250 R1 355.00 excl.VAT **24/250 R1 355.00 excl.VAT** **48/250 R1 355.00 excl.VAT**	12V/400W 24V/400W 48V/400W
Cont. AC power at 25°C (VA)	200 / 175W
Cont. power at 25°C	250VA

375VA

Order Code:
12V: Phoenix12/375VE.Sch
24V: Phoenix24/375VE.Sch
48V: Phoenix48/375VE.Sch

Technical Data	
Peak power (W)	
12/375 R1 748.00 excl.VAT **24/375 R1 748.00 excl.VAT** **48/375 R1 748.00 excl.VAT**	12V/700W 24V/700W 48V/700W
Cont. AC power at 25°C (VA)	300 / 260W
Cont. power at 25°C	375VA

500VA

Order Code:
12V: Phoenix12/500VE.Sch
24V: Phoenix24/500VE.Sch
48V: Phoenix48/500VE.Sch

Technical Data	
Peak power (W)	
12/500 R2189.00 excl.VAT **24/500 R2189.00 excl.VAT** **48/500 R2189.00 excl.VAT**	12V/900W 24V/900W 48V/900W
Cont. AC power at 25°C (VA)	400 / 350W
Cont. power at 25°C	500VA

800VA

Order Code:
12V: Phoenix12/800VE.Sch
24V: Phoenix24/800VE.Sch
48V: Phoenix48/800VE.Sch

Technical Data	
Peak power (W)	
12/800 R3553 excl.VAT **24/800 R3553 excl.VAT** **48/800 VE.Direct Schuko R3553.00 excl.VAT**	12V/1500W 24V/1500W 48V/1500W
Cont. AC power at 25°C (VA)	650 / 560W
Cont. power at 25°C	800VA

Inverter RS Smart Solar 48/6000

The inverter is equipped with a display to read out battery, inverter, and solar charger details. These parameters can also be read out via Bluetooth by the VictronConnect App. In addition to this, the inverter has a VE.Direct and a VE.Can Port, for connection to a GX device for system monitoring.

Technical Data	Inverter RS Smart Solar
DC Input voltage range	38 – 64 V (6)
Peak power	9 kW for 3 seconds
Short-circuit output current	50A
Built in PV isolator	yes
Order Code	Invert.RS48/6000SSol
Price excluding VAT	**R24 960**

visit website for full spec and download on the Phoenix VE.Direct range

Solar charge controllers

Victron Energy's range of solar regulators offers intelligent battery management and protection. Our range of 8 BlueSolar MPPT charge controllers can improve energy harvest by up to 30% on cloudy days as well as monitoring the state of charge and load output. Our PWM solar regulators or charge controllers protect against over load and short circuit as well as providing protection against reverse polarity connection of the solar array and/ or battery.

Victron Energy offer solar regulators to suit your specific requirements and budget. The PWM charge controllers are a good low cost solution for small solar power systems while the MPPT controllers are better suited to higher power systems.volt and amp options to ensure you are equipped with the device that is best suited to your system requirements.

BlueSolar MPPT 75/10, 75/15 & 100/15

Solar charge controller.

A solar charger gathers energy from your solar panels, and stores it in your batteries. Using the latest, fastest technology, BlueSolar maximises this energy-harvest, driving it intelligently to achieve full charge in the shortest possible time. BlueSolar maintains battery health, extending its life.

Technical Data			
BlueSolar Controller	**MPPT 75/10**	**MPPT 75/15**	**MPPT 100/15**
Rated charge current	10A	15A	15A
Order number	BlueSol MPPT75/10	BlueSol MPPT75/15	BlueSol MPPT100/15
Price excluding VAT	**R635**	**R706**	**R864**
Nominal PV power, 12V	145W	220W	220W
Nominal PV power, 24V	290W	440W	440W
Max. PV short circuit current	12A	20A	20A
Maximum PV open circuit voltage	75V		100V
ENCLOSURE			
Protection category	IP43 (electronic components), IP22 (connection area)		

Remote Monitoring and Control

Remotely control and monitor the extensive features of your BlueSolar MPPT charger by attaching a bluetooth dongle and pairing it with your smartphone or other device via VictronConnect. If your installation is connected to the internet Victron Remote Management Portal (VRM) provides access to the full power of your MPPT, anytime, anywhere; both services are free to use. For remote installations - even when there is no internet connection or phone signal nearby - you may be able to monitor your MPPT by bluetooth-pairing with a LoRaWAN (long-range wide area network) device, available optionally.

Mains Cord CEE7/7 for Smart IP43 Charger 2m	MainCordCEE SmtIP43	**R119**
Mains Cord UK for Smart IP43 Charger 2m	MainCordUK SmtIP43	**R119**
Mains Cord AU/NZ for Smart IP43 Charger 2m	MainCordAU/NZSmtIP43	**R119**

BlueSolar MPPT 100/30 & 100/50

A solar charger gathers energy from your solar panels, and stores it in your batteries. Using the latest, fastest technology, BlueSolar maximises this energy-harvest, driving it intelligently to achieve full charge in the shortest possible time. BlueSolar maintains battery health, extending its life.

Technical Data		
BlueSolar Controller	**MPPT 100/30**	**MPPT 100/50**
Battery voltage	12/24V Auto Select	
Order number	BlueSol MPPT100/30	BlueSol MPPT100/50
Prices excluding VAT	**R1 570**	**R2 355**
Rated charge current	30A	50A
Nominal PV power, 12V	440W	700W
Nominal PV power, 24V	880W	1400W
ENCLOSURE		
Protection category	IP43 (electronic components), IP22 (connection area)	

BlueSolar MPPT 150/35 & 45

Latest Apple and Android devices (smartphones, tablets,...) can be connected via VE.Direct over Bluetooth Smart Dongles and the MPPT App or via the GX Color control.
Please note that the Bluetooth Smart dongle and the GX Color Control are not included in the delivery scope but available separately.

BlueSol MPPT150/35 **R2 355**

BlueSol MPPT150/45 **R2 825**

BlueSMPPT 100/20-48V

In Victron's MPPT model names, for example MPPT 100/15, the first number is the maximum PV open circuit voltage. The second number, 15, is the maximum charge current. The Victron BlueSolar MPPT Charge Controller 100/15-20 gathers energy from your solar panels, and stores it in your batteries. Using the latest, fastest technology, BlueSolar maximises this energy-harvest, driving it intelligently to achieve full charge in the shortest possible time. BlueSolar maintains battery health, extending its life.

Technical Data	
BlueSolar Charge Controller	**MPPT100/20**
Rated charge current	20A
Nominal PV power, 12V 1a,b)	290W
Max. PV short circuit current	20A
Order number	BlueSMPPT100/20-48V
Prices excluding VAT	**R1 021**

SmartSolar MPPT RS

The SmartSolar MPPT RS solar charge controllers are Victrons solution for systems with large series connected PV arrays charging 48 V DC battery banks. This product is perfect for large off-grid, and grid connected battery systems.

SmartSolar MPPT RS 450/200-TR
R27 196 excldung VAT

BlueSolar MPPT 150/45 & 150/60

Real-time data Display Options
– Apple and Android smartphones, tablets and other devices: see the VE.Direct to Bluetooth Smart dongle
– ColorControl panel

Technical Data		
BlueSolar Controller	**MPPT 150/45**	**MPPT 150/60**
Battery voltage	12/24/48V Auto Select	
Rated charge current	45A	60A
Nominal PV power, 12V	650W	860W
Nominal PV power, 24V	1300W	1720W
Nominal PV power, 48V	2600W	3440W
Order number	BlueSol MPPT150/45 BlueSol MPPT150/60TR	
Prices excluding VAT	**R2 825**	**R4 476**

Ekrano GX

The Ekrano GX represents the next generation in the GX product family. With its complete range of connections and interfaces as well as its integrated 7-inch touchscreen display, it is the most powerful GX device to date and allows you to always have perfect control over your system from wherever you are and to maximise its performance.

Ekrano GX
R8 183 excluding VAT

Current Automation

BlueSolar MPPT 150/70 & 150/85 MC4

Real-time data Display Options

– Apple and Android smartphones, tablets and other devices: see the VE.Direct to Bluetooth Smart dongle
– ColorControl panel

Technical Data	
BlueSolar Controller	**MPPT 150/70**
Battery voltage	12/24V Auto Select
Order number	BlueSol MPPT150/70MC
Prices excluding VAT	**R4 931**
Rated charge current	50A
Nominal PV power, 12V	1000W
Nominal PV power, 24V	2000W
Nominal PV power, 48V	4000W
ENCLOSURE	
Protection category	IP43 (electronic components), IP22 (connection area)

SmartSolar MPPT 100/30 & 100/50

Solar charge controller.

A solar charger gathers energy from your solar panels, and stores it in your batteries. Using the latest, fastest technology, BlueSolar maximises this energy-harvest, driving it intelligently to achieve full charge in the shortest possible time. BlueSolar maintains battery health, extending its life.

Technical Data		
Smart Controller	**MPPT 100/30**	**MPPT 100/50**
Battery voltage	12/24V Auto Selec	
Order number	SmartSol MPPT100/30	SmartSol MPPT100/50
Prices excluding VAT	**R1806**	**R2591**
Rated charge current	30A	50A
Nominal PV power, 12V	440W	700W
Nominal PV power, 24V	880W	1400W
ENCLOSURE		
Protection category	IP43 (electronic components), IP22 (connection area)	

SmartSolar MPPT 75/10, 75/15,

Bluetooth Smart built-in dongle not needed
The wireless solution to set-up, monitor and update the controller using Apple and Android smartphones, tablets or other devices.

Technical Data		
Smart Controller	**MPPT 75/10**	**MPPT 75/15**
Order number	SmartSol MPPT75/10	SmartSol MPPT75/15
Prices excluding VAT	**R870**	**R942**
Battery voltage	12/24V Auto Selec	
Rated charge current	10A	15A
Nominal PV power, 12V	145W	220W
Nominal PV power, 24V	290W	440W
ENCLOSURE		
Protection category	IP43 (electronic compo-nents), IP22 (connection area)	

SmartSolar MPPT 150/35-45

Technical Data	
Smart Controller	**MPPT 150/35**
Battery voltage	12/24/48V Auto Select
Order number	SmartSol MPPT150/35
Order number	SmartSol MPPT150/45
Prices excluding VAT	**R2591**
Prices excluding VAT	**R3061**
Rated charge current	12V: 500W / 24V: 1000W / 36V: 1500W / 48V: 2000W
Max. PV short circuit current	40A
Maximum efficiency	98%
ENCLOSURE	
Protection category	IP43 (electronic components), IP22 (connection area)

SmartSolar MPPT 100/15 & 100/20

Bluetooth Smart built-in dongle not needed
The wireless solution to set-up, monitor and update the controller using Apple and Android smartphones, tablets or other devices.

Technical Data		
Smart Controller	**MPPT 100/15**	**MPPT 100/20**
Order number	SmartSol MPPT100/15	SmartSMPPT 100/20_48V
Prices excluding VAT	**R1099**	**R1255**
Battery voltage	12/24V Auto Selec	
Rated charge current	15A	20A
Nominal PV power, 12V	220W	290W
Nominal PV power, 24V	440W	580W
ENCLOSURE		

SmartSolar MPPT 150/45 & 150/60

Choose between TR or MC4 terminal

Technical Data		
Smart Con-troller	**MPPT 150/45**	**MPPT 150/60**
Order number	SmartSolar MPPT 150/45-TR SmartSolar MPPT 150/45	Smart-SolMPPT150/60TR 60MC
Prices exclud-ing VAT	**- R3061**	**TR - R6619 MC- R4923**
Battery volt-age	12/24V Auto Selec	
Rated charge current	45A	60A
Nominal PV power, 12V	650W	860W
Nominal PV power, 24V	1300W	1720W
ENCLOSURE		
Protection category	IP43 (electronic components), IP22 (connection area)	

SmartSolar with VE.Can 250/70TR

Technical Data	
SmartSolar VE.Can	**250/70TR**
Battery voltage	12/24/48 V Auto Select (36 V: manual)
Order number	Smart-SolMPPT250/70TR
Prices excluding VAT	**R6713**
Rated charge current	70 A
Nominal PV power, 12 V 1a,b)	1000W
Nominal PV power, 24 V 1a,b)	2000W
Nominal PV power, 36 V 1a,b)	3000W
Nominal PV power, 48 V 1a,b)	4000W
Max. PV short circuit current 2)	35 A (max 30 A per MC4 conn.)

SmartSolar with VE.Can 250/85

Technical Data	
SmartSolar VE.Can	**250/85**
Battery voltage	12/24/48 V Auto Select (36 V: manual)
Order number	SSMPPT250/85TRVECAN SSMPPT250/85MC4VECAN
Prices excluding VAT	**R7698 R12049**
Rated charge current	85A
Nominal PV power, 12 V 1a,b)	1200W
Nominal PV power, 24 V 1a,b)	2400W
Nominal PV power, 36 V 1a,b)	3600W
Nominal PV power, 48 V 1a,b)	4900W
Max. PV short circuit current 2)	70 A (max 30 A per MC4 conn.)

SmartSolar Pluggable Display

Order code:
SmartSolPlugDis
Price excl.VAT: R447

MPPT Control

Order code:
Mppt Control
Price excl.VAT: R716

VE.Can Power Cable

When the CAN bus is not powered by a Skylla-I or an MPPT, you will need the new VE.Can Power Cable to supply the power.

Order code:
VE.CanPowerCable
Price excl.VAT: R438

BlueSolar PWM

BlueSolar PWM-Pro
The BlueSolar PWM-Pro series is ready for use with its default settings. It also is fully programmable.

- Lighting control function, fully programmable.
- Three stage battery charging (bulk, absorption, float), fully programmable.
- Integrated battery monitor function (Remote Panel needed to display state of charge).

BlueSolar PWM-Light

- Load output with low battery voltage disconnect function.
- Lighting control function, one timer only.
- Two digit seven segment display for quick and easy setting of the load output functionality, including timer setting.

PWM-Light 12/24-5

12/24V

- Load output with low battery voltage disconnect function.
- Lighting control function, one timer only.
- Two digit seven segment display for quick and easy setting of the load output functionality, including timer setting.

Technical Data	
BlueSolar Controller	**12/24-5**
Battery voltage	12/24 V with automatic system voltage detection
Order number	B/S PWM LT 12/24-5A
Prices excluding VAT	**R245**
Rated charge current	5A
Automatic load disconnect	Yes
Battery	
Charge voltage 'absorption'	14.2V / 28,4V
Charge voltage 'float'	13.8V / 27,6V
Low voltage load disconnect	11,2V / 22,4V

PWM-Light 12/24-30

12/24V

- Load output with low battery voltage disconnect function.
- Lighting control function, one timer only.
- Two digit seven segment display for quick and easy setting of the load output functionality, including timer setting.

Technical Data	
BlueSolar Controller	**12/24-30**
Battery voltage	12/24 V with automatic system voltage detection
Rated charge current	30A
Order number	B/S PWM LT 12/24-30A
Prices excluding VAT	**R535**
Automatic load disconnect	Yes
Battery	
Charge voltage 'absorption'	14.2V / 28,4V
Charge voltage 'float'	13.8V / 27,6V
Low voltage load disconnect	11,2V / 22,4V

PWM-Light 12/24-10

12/24V

- Load output with low battery voltage disconnect function.
- Lighting control function, one timer only.
- Two digit seven segment display for quick and easy setting of the load output functionality, including timer setting.

Technical Data	
BlueSolar Controller	**12/24-10**
Battery voltage	12/24 V with automatic system voltage detection
Rated charge current	10A
Order number	B/S PWM LT 12/24-10A
Prices excluding VAT	**R289**
Automatic load disconnect	Yes
Battery	
Charge voltage 'absorption'	14.2V / 28,4V
Charge voltage 'float'	13.8V / 27,6V
Low voltage load disconnect	11,2V / 22,4V

BlueSolar PWM-Light 48-10

Day/night timing options

- Load output with low battery voltage disconnect function.
- Lighting control function, one timer only.
- Seven segment display for quick and easy setting of the load output functionality, including timer setting

Technical Data	
BlueSolar Controller	**48-10**
Battery voltage	10A
Order number	B/SPWMLT48V-10A
Prices excluding VAT	**R579**
Automatic load disconnect	Yes
Maximum solar voltage	100 V
Humidity (non-condensing)	Max 95%
Battery	
Bulk charge	58,0V (1)
Charge voltage 'absorption'	56,8V
Charge voltage 'float'	55,2V

PWM-Light 12/24-20

12/24V

- Load output with low battery voltage disconnect function.
- Lighting control function, one timer only.
- Two digit seven segment display for quick and easy setting of the load output functionality, including timer setting.

Technical Data	
BlueSolar Controller	**12/24-20**
Battery voltage	12/24 V with automatic system voltage detection
Rated charge current	20A
Order number	B/S PWM LT 12/24-20A
Prices excluding VAT	**R386**
Automatic load disconnect	Yes
Battery	
Charge voltage 'absorption'	14.2V / 28,4V
Charge voltage 'float'	13.8V / 27,6V
Low voltage load disconnect	11,2V / 22,4V

BlueSolar PWM-Light 48-20

Day/night timing options

- Load output with low battery voltage disconnect function.
- Lighting control function, one timer only.
- Seven segment display for quick and easy setting of the load output functionality, including timer setting

Technical Data	
BlueSolar Controller	**48-20**
Battery voltage	20A
Automatic load disconnect	Yes
Order number	B/SPWM-LT48V-20A
Prices excluding VAT	**R880**
Maximum solar voltage	100 V
Humidity (non-condensing)	Max 95%
Battery	
Bulk charge	58,0V (1)
Charge voltage 'absorption'	56,8V
Charge voltage 'float'	55,2V

Current Automation

BlueSolar PWM-Light 48-30

Day/night timing options

- Load output with low battery voltage disconnect function.
- Lighting control function, one timer only.
- Seven segment display for quick and easy setting of the load output functionality, including timer setting

Technical Data	
BlueSolar Controller	**48-30**
Battery voltage	30A
Order number	B/SPWM-LT48V-30A
Prices excluding VAT	**R867**
Automatic load disconnect	Yes
Maximum solar voltage	100 V
Humidity (non-condensing)	Max 95%
Battery	
Bulk charge	58,0V (1)
Charge voltage 'absorption'	56,8V
Charge voltage 'float'	55,2V

BlueSolar PWM-PRO 12/24-20

Programmable

The BlueSolar PWM-Pro series is ready for use with its default settings.
It also is fully programmable:
- With help of a computer and software (available free of charge from our website)
- With the dedicated BlueSolar Pro Remote Panel

Technical Data	
BlueSolar Controller	**12/24-20**
Battery voltage	12/24V with automatic system voltage detection
Order number	B/S PWM-Pro12/24-20A
Prices excluding VAT	**R675**
Automatic load disconnect	Yes
Maximum solar voltage	28V / 55V (1)
Rated charge current	20A
Load output	Manual control + low voltage disconnect

visit website for full spec and download on the PWM Chargers

BlueSolar PWM - PRO 12/24-5

Programmable

The BlueSolar PWM-Pro series is ready for use with its default settings.
It also is fully programmable:
- With help of a computer and software (available free of charge from our website)
- With the dedicated BlueSolar Pro Remote Panel

Technical Data	
BlueSolar Controller	**12/24-5**
Battery voltage	12/24V with automatic system voltage detection
Automatic load disconnect	Yes
Order number	B/SPWMPro12/24-05
Prices excluding VAT	**R341**
Maximum solar voltage	28V / 55V (1)
Rated charge current	5A
Load output	Manual control + low voltage disconnect

BlueSolar PWM - PRO 12/24-30

Programmable

The BlueSolar PWM-Pro series is ready for use with its default settings.
It also is fully programmable:
- With help of a computer and software (available free of charge from our website)
- With the dedicated BlueSolar Pro Remote Panel

Technical Data	
BlueSolar Controller	**12/24-30**
Battery voltage	12/24V with automatic system voltage detection
Order number	B/S PWM-Pro12/24-30A
Prices excluding VAT	**R1060**
Automatic load disconnect	Yes
Maximum solar voltage	28V / 55V (1)
Rated charge current	30A
Load output	Manual control + low voltage disconnect

BlueSolar PWM - PRO 12/24-10

Programmable

The BlueSolar PWM-Pro series is ready for use with its default settings.
It also is fully programmable:
- With help of a computer and software (available free of charge from our website)
- With the dedicated BlueSolar Pro Remote Panel

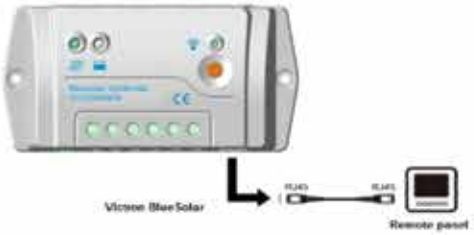
Technical Data	
BlueSolar Controller	**12/24-10**
Battery voltage	12/24V with automatic system voltage detection
Automatic load disconnect	Yes
Order number	B/S PWM-Pro12/24-10A
Prices excluding VAT	**R386**
Maximum solar voltage	28V / 55V (1)
Rated charge current	10A
Load output	Manual control + low voltage disconnect

Programmable

The BlueSolar PWM-Pro series is ready for use with its default settings.
It also is fully programmable:
– With help of a computer and software (available free of charge from our website)
– With the dedicated BlueSolar Pro Remote Panel

Order Code: B/S PWM-Pro12/24-30A

Victron Remote Display for BlueSolar PWM-Pro



This Victron Energy remote display (SCC900300000) was especially designed for free programming of charge controllers out of the PWM-PRO-family.

The display enables you to adjust the charge contoller's settings according to your needs - even the lighting control. It is big enough to recognize everything easily.
Easier and quicker than direct programming on the charge controller via 5 buttons only.

visit website for full spec and download on the BlueSolar MPPT Chargers

BlueSolar MPPT

Technical Data	
BlueSolar MPPT 150/45-MC4 (12/24/48V-45A)	
BlueSolar MPPT 150/60-MC4 (12/24/48V-60A)	
Order number	BlueSol MPPT150/60MC
Prices excluding VAT	R4476

Orion-Tr 12/48-8A (380W) R2 822

IP43 protection
All models are short circuit proof and can be paralleled to increase output current. An unlimited number of units can be connected in parallel.

Inverting remote on-off cable

Order code: INVERT REMOTE CABLE

Price excl.VAT: R209

VE.Direct TX digital output cable (PWM light dimming cable)

Order code: VE.DirectTX Digital

Price excl.VAT: R131.00

Remote panel for BlueSolar PWM-Pro

Order code:
B/S PWM-PRO REMOTE
Price excl.VAT: R579

BlueSolar PWM-Pro to USB interface cable

Order code:
B/S PWM-Pro to USB
Price excl.VAT: R155

Current Automation

Battery Chargers

Victron Energy offers an extensive range of chargers that can accommodate a wide variety of battery types. These technologically advanced chargers are built to withstand tough environmental conditions such as heat, humidity and salt air. The Victron Energy chargers include built-in battery controllers and fully monitored battery capacity to ensure optimal performance. Some of the devices in our Blue Power range are completely encapsulated; making them waterproof, shockproof and ignition protected. When compared to the industry standard, Victron Energy battery chargers outperform on every level.

visit website for full spec and download on the Phoenix Chargers

Adaptive 4-stage charge characteristic: bulk – absorption – float – storage
The Phoenix Charger features a microprocessor controlled 'adaptive' battery management system that can be preset to suit different types of batteries. The 'adaptive' feature will automatically optimise the process relative to the way the battery is being used.

The right amount of charge: variable absorption time
When only shallow discharges occur (a yacht connected to shore power for example) the absorption time is kept short in order to prevent overcharging of the battery. After a deep discharge the absorption time is automatically increased to make sure that the battery is completely recharged.

Phoenix Charger 12/50

12 / 24 Volt

Adaptive 4-stage charge characteristic: bulk - absorption - float - storage. Two full rated outputs and one 4 Amp output.

Technical Data	
Phoenix Charger	**12/50**
Input voltage range (V AC)	90-265
Charge voltage 'absorption	14,4
Charge voltage 'float	13,8
Battery capacity (Ah)	200-800
Battery-connection	M6 studs
Order number	PhoenixCharger 12/50
Price excluding VAT	**R8 717**

Phoenix Charger 24/16

12 / 24 Volt

Adaptive 4-stage charge characteristic: bulk - absorption - float - storage. Two full rated outputs and one 4 Amp output.

Technical Data	
Phoenix Charger	**24/16**
Input voltage range (V AC)	90-265
Charge voltage 'absorption	28,8
Charge voltage 'float	27,6
Battery capacity (Ah)	100-200
Battery-connection	M6 studs
Order number	PhoenixCharger 24/16
Price excluding VAT	**R6 529**

NEW!

Skylla-IP65 Battery Charger

Technical Data				
Skylla-IP65	**12/70 (1+1)**	**12/70 (3)**	**24/35 (1+1)**	**24/35 (3)**
Input voltage range (V AC)	120/230 V			
Input voltage range (VAC)	90-265 V			
Maximum AC input current @ 100 VAC	12 A			
Charge current	70 A	3 x 70 A	35 A	3 x 35 A
Price excluding VAT	**R10 644**	**R11 726**	**R10 644**	**R11 726**

Phoenix Charger 24/25

12 / 24 Volt

Technical Data	
Phoenix Charger	**24/25**
Input voltage range (V AC)	90-265
Charge voltage 'absorption	28,8
Charge voltage 'float	27,6
Battery capacity (Ah)	100-400
Battery-connection	M6 studs
Order number	PhoenixCharger 24/25
Price excluding VAT	**R8 717**

Skylla-i 24Volt

24 Volt

A modern and powerful battery charger that withstands the rigors of an adverse environment: heat, humidity and salt air.

Technical Data	
Skylla-i	**24/80 (1+1)**
Input voltage range (VAC)	185-265 V
Maximum AC input current @ 180 VAC	16 A
Charge current (A)	80 A
Charge current starter batt.	4 A
Battery capacity (Ah)	400-800 Ah
Order number	Skylla-I 24/80(1+1)
Price excluding VAT	**R16 173**

Skylla-i remote on-off cable

Order code:

Price excl.VAT:
R333

Skylla-i 24Volt

24 Volt

A modern and powerful battery charger that withstands the rigors of an adverse environment: heat, humidity and salt air.

Technical Data	
Skylla-i	**24/100 (3)**
Input voltage range (VAC)	185-265 V
Maximum AC input current @ 180 VAC	16 A
Charge current (A)	3 x 100 A (max total output: 100A)
Charge current starter batt.	4 A
Battery capacity (Ah)	500-1000 Ah
Order number	Skylla-i 24/100(3)
Price excluding VAT	**R22 905**

Skylla-i 24Volt

24 Volt

A modern and powerful battery charger that withstands the rigors of an adverse environment: heat, humidity and salt air.

Technical Data	
Skylla-i	**24/80 (3)**
Input voltage range (VAC)	185-265 V
Maximum AC input current @ 180 VAC	16 A
Charge current (A)	3 X 80 A
Charge current starter batt.	4 A
Battery capacity (Ah)	400-800 Ah
Order number	Skylla-i 24/80(3)
Price excluding VAT	**R18 862**

Skylla-TG Charger 24Volt

24 Volt

One full rated output and one 4 Amp output. Charge voltage can be precisely adjusted to suit any battery system.

Technical Data	
24/30 TG 24/50 TG	**24Volt / 30A 24Volt / 50A**
Input voltage range (VAC)	230
Input voltage range (V AC)	185-264
Input voltage range (V DC)	180-400
Charge current starter batt.	4 A
Battery capacity (Ah)	150-500
Order number	Skylla-TG 24/30 Skylla-TG 24/50
Price excluding VAT	**R9 526 R10 311**

Skylla-TG Charger 24Volt / 3 phase

24 Volt

One full rated output and one 4 Amp output. Charge voltage can be precisely adjusted to suit any battery system.

Technical Data	
24/50 TG 3 phase	**24Volt / 50A**
Input voltage range (VAC)	3 x 400
Input voltage range (V AC)	320-450
Input voltage range (V DC)	n. a.
Charge current starter batt.	4 A
Battery capacity (Ah)	250-500
Order number	SkyllaTG 24/50-3Phas
Price excluding VAT	**R18 719**

Current Automation

visit website for full spec and download on the Skylla Chargers

Skylla-TG Charger 24Volt

24 Volt

One full rated output and one 4 Amp output. Charge voltage can be precisely adjusted to suit any battery system.

Technical Data	
24/80 TG 24/100 TG	**24Volt / 80A 24Volt / 100A**
Input voltage range (VAC)	230
Input voltage range (V AC)	185-264
Input voltage range (V DC)	180-400
Charge current starter batt.	4 A
Battery capacity (Ah)	400-800
Order number	Skylla-TG 24/80 Skylla-TG 24/100
Price excluding VAT	**R16 899 R20 395**

Skylla-TG Charger 48Volt

48 Volt

One full rated output and one 4 Amp output. Charge voltage can be precisely adjusted to suit any battery system.

Technical Data	
48/25 TG 48/50 TG	**48Volt / 25A 48Volt / 50A**
Input voltage range (VAC)	230
Input voltage range (V AC)	185-264
Input voltage range (V DC)	180-400
Charge current starter batt.	n. a
Battery capacity (Ah)	125-250
Order number	Skylla-TG 48/25 Skylla-TG 48/50
Price excluding VAT	**R12 380 R23 148**

Skylla-TG Charger 24Volt - 3 phase

24 Volt

One full rated output and one 4 Amp output. Charge voltage can be precisely adjusted to suit any battery system.

Technical Data	
24/100 TG 3 phase	**24Volt / 100A**
Input voltage range (VAC)	3 x 400
Input voltage range (V AC)	320-450
Input voltage range (V DC)	n. a.
Charge current starter batt.	4 A
Battery capacity (Ah)	500-1000
Order number	SkyllaTG24/100-3Phas
Price excluding VAT	**R29 933**

Skylla IP44 12 & 24Volt

12 / 24 Volt

Technical Data	
Skylla IP44 12/60 (1+1) Skylla IP44 12/60 (3) Skylla IP44 24/30 (1+1) Skylla IP44 24/30 (3)	**12Volt / 60A 12Volt / 60A / 3Phase 24Volt / 60A 24Volt / 60A / 3Phase**
Input voltage range (VAC)	120/230 V
Charge current starter batt.	n. a
Battery capacity	300-600 Ah
Order number	SkyllaIP44 12/60 1+1 SkyllaIP44 12/60 (3) SkyllaIP44 24/30 1+1 SkyllaIP44 24/30 (3)
Price excluding VAT	**on request**

Skylla-TG Charger 24Volt

24 Volt

Technical Data	
Skylla-TG 24/50 (1+1) GL Skylla-TG 24/30 (1+1) GL Skylla-TG 24/100 (1+1) GL	**R12 582 R11 631 R24 867**
Input voltage range (VAC)	90-265
Input voltage range (V DC)	90-400
Charge current starter batt.	4 A
Battery capacity (Ah)	30 (limited to 22 A at 110V AC)

Skylla-TG GMDSS-24Volt

24 Volt

The Victron Skylla-TG 24/30 and 24/50 GMDSS Chargers have been designed to provide all required monitoring and alarm data.

Technical Data	
Skylla-TG 24/30 Skylla-TG 24/50	**24Volt / 30A 24Volt / 50A**
Input voltage range (VAC)	230
Input voltage range (V AC)	90 - 265
Frequency (Hz)	45-65
Power factor	1
Charge current (A)	30 (limited to 22 A at 110 V AC)
Order number	Skylla-TG24/30 GMDSS Skylla-TG24/50 GMDSS
Price excluding VAT	**R14 556 R18 302**

Centaur Charger 12Volt

12 Volt

The new Centaur range of battery chargers from Victron Energy have been designed to be a true world-wide product.

Technical Data	
Centaur Charger	**12/20**
Input voltage range (VAC)	90 – 265
Input voltage range (V DC)	90 – 400
Frequency (Hz)	45-65
Power factor	1
Charge current (A)	20A
Order number	CentaurCharger 12/20
Price excluding VAT	-

Centaur Charger 12Volt

12 Volt

The new Centaur range of battery chargers from Victron Energy have been designed to be a true world-wide product.

Technical Data	
Centaur Charger	**12/30**
Input voltage range (VAC)	90 – 265
Input voltage range (V DC)	90 – 400
Frequency (Hz)	45-65
Power factor	1
Charge current (A)	30/16A
Order number	CentaurCharger 12/30
Price excluding VAT	**R5 387**

Centaur Charger 12Volt

12 Volt

The new Centaur range of battery chargers from Victron Energy have been designed to be a true world-wide product.

Technical Data	
Centaur Charger	**12/40**
Input voltage range (VAC)	90 – 265
Input voltage range (V DC)	90 – 400
Frequency (Hz)	45-65
Power factor	1
Charge current (A)	40A
Order number	CentaurCharger 12/40
Price excluding VAT	**R6 612**

Centaur Charger 12Volt

12 Volt

The new Centaur range of battery chargers from Victron Energy have been designed to be a true world-wide product.

Technical Data	
Centaur Charger	**12/50**
Input voltage range (VAC)	90 – 265
Input voltage range (V DC)	90 – 400
Frequency (Hz)	45-65
Power factor	1
Charge current (A)	50A
Order number	CentaurCharger 12/50
Price excluding VAT	**R6874**

Centaur Charger 12Volt

12 Volt

The new Centaur range of battery chargers from Victron Energy have been designed to be a true world-wide product.

Technical Data	
Centaur Charger	**12/60**
Input voltage range (VAC)	90 – 265
Input voltage range (V DC)	90 – 400
Frequency (Hz)	45-65
Power factor	1
Charge current (A)	60/30A
Order number	CentaurCharger 12/60
Price excluding VAT	**R7147**

Centaur Charger 12Volt

12 Volt

The new Centaur range of battery chargers from Victron Energy have been designed to be a true world-wide product.

Technical Data	
Centaur Charger	**12/80**
Input voltage range (VAC)	90 – 265
Input voltage range (V DC)	90 – 400
Frequency (Hz)	45-65
Power factor	1
Charge current (A)	80/40A
Order number	CentaurCharger 12/80
Price excluding VAT	**R11 857**

Current Automation

Centaur Charger 12Volt

12 Volt

The new Centaur range of battery chargers from Victron Energy have been designed to be a true world-wide product.

Technical Data	
Centaur Charger	**12/100**
Input voltage range (VAC)	90 – 265
Input voltage range (V DC)	90 – 400
Frequency (Hz)	45-65
Power factor	1
Charge current (A)	100/60
Order number	CentaurCharger12/100
Price excluding VAT	**R14 485**

Centaur Charger 24Volt

24 Volt

The new Centaur range of battery chargers from Victron Energy have been designed to be a true world-wide product.

Technical Data	
Centaur Charger	**24/16**
Input voltage range (VAC)	90 – 265
Input voltage range (V DC)	90 – 400
Frequency (Hz)	45-65
Power factor	1
Charge current (A)	30/16
Order number	CentaurCharger 24/16
Price excluding VAT	**R5 958**

Centaur Charger 24Volt

24 Volt

The new Centaur range of battery chargers from Victron Energy have been designed to be a true world-wide product.

Technical Data	
Centaur Charger	**24/60**
Input voltage range (VAC)	90 – 265
Input voltage range (V DC)	90 – 400
Frequency (Hz)	45-65
Power factor	1
Charge current (A)	100/60
Order number	CentaurCharger 24/60
Price excluding VAT	**R12 451**

Centaur Charger 24Volt

24 Volt

Technical Data	
Skylla-IP44	**24/30 (3)**
Input voltage range (VAC)	120/230 V
Input voltage range (VAC)	90-265 V
Maximum AC input current @ 100 VAC	10 A
Power factor	0,98
Charge current (A)	3 x 30 A (max total output: 30 A)
Order number	CentaurCharger 24/30
Price excluding VAT	**R8 337**

Installation made easy

1. Fasten the separate mounting plate (A) to the wall where you want to place the battery charger, and simply hook up the Centaur.

2. Secure the bottom of the backside (B) to the wall.

visit website for full spec and download on the Centaur Chargers

Current Automation

Check the status of your battery remotely

The Blue Smart IP22 is equipped with built-in Bluetooth, so the status of the charger and the battery can be checked on a smartphone, tablet or laptop. All settings of the charger can be configured with the VictronConnect app.

Recovery of deeply-discharged 'dead' batteries

Unlike other brands, the Blue Smart IP22 Charger will attempt to recharge a deeply-discharged battery by force-feeding it with a low current. Normal charging will then be resumed as soon as there is sufficient voltage across the battery terminals.

BUILD-IN BLUETOOTH

Blue Smart IP22 Charger 12Volt

12 Volt

The Blue Smart IP22 Charger is the new professional battery charger with built-in bluetooth.

Technical Data	
Blue Smart Charger	**12V, 1 output 15 / 20 / 30A**
Input voltage range (VAC)	180 – 265 VAC
Charge current, normal mode	15 / 20 / 30 A
Efficiency	93%
Charge current, NIGHT or LOW	7,5 / 10 / 15 A
Number of outputs	1
Order number	BlueSmtIP22 12/15(1) BlueSmtIP22 12/20(1) BlueSmtIP22 12/30(1)
Price excluding VAT	**15 - R1 780** **20 - R2 129** **30 - R2 558**

BUILD-IN BLUETOOTH

Blue Smart IP22 Charger 12Volt

12 Volt

The Blue Smart IP22 Charger is the new professional battery charger with built-in bluetooth.

Technical Data	
Blue Smart Charger	**12V, 3 outputs 15 / 20 / 30A**
Input voltage range (VAC)	180 – 265 VAC
Charge current, normal mode	15 / 20 / 30 A
Efficiency	93%
Charge current, NIGHT or LOW	7,5 / 10 / 15 A
Number of outputs	3
Order number	BlueSmtIP22 12/15(3) BlueSmtIP22 12/20(3) BlueSmtIP22 12/30(3)
Price excluding VAT	**15: R2 051** **20: R2 400** **30: R2 885**

BUILD-IN BLUETOOTH

Blue Smart IP22 Charger 24Volt

24 Volt

The Blue Smart IP22 Charger is the new professional battery charger with built-in bluetooth.

Technical Data	
Blue Smart Charger	**24V, 1 output 8 / 12 / 16A**
Input voltage range (VAC)	180 – 265 VAC
Charge current, normal mode	8/12/15 A
Efficiency	94%
Charge current, NIGHT or LOW	4 / 6 / 8 A
Number of outputs	1
Order number	BlueSmtIP22 24/8(1) BlueSmtIP22 24/12(1) BlueSmtIP22 24/16(1)
Price excluding VAT	**R1 983** **R2 198** **R2 623**

Bluetooth Smart

The Blue Smart IP22 Charger is the wireless solution to monitor voltage and current, to change settings and to update the charger when new features become available.

High efficiency

With up to 94% efficiency, these chargers generate up to four times less heat when compared to the industry standard. And once the battery is fully charged, power consumption reduces to 0,5 Watt, some five to ten times better than the industry standard.

Adaptive 6-stage charge algorithm: test - bulk – absorption - recondition – float – storage

The Blue Smart Charger features a microprocessor controlled 'adaptive' battery management. The adaptive feature will automatically optimize the charging process relative to the way the battery is being used.

Storage Mode: less maintenance and aging when the battery is not in use

The storage mode kicks in whenever the battery has not been subjected to discharge during 24 hours. In the storage mode float voltage is reduced to 2,2V/cell (13,2V for a 12V battery) to minimize gassing and corrosion of the positive plates. Once a week the voltage is raised back to the absorption level to 'equalize' the battery. This feature prevents stratification of the electrolyte and sulfation, a major cause of early battery failure.

Also charges Li-ion ($LiFePO_4$) batteries

$LiFePO_4$ batteries are charged with a simple bulk – absorption – float algorithm.

NIGHT and LOW setting

When in NIGHT or LOW mode, the output current is reduced to max. 50% of the nominal output and the charger will be totally noiseless. The NIGHT mode automatically ends after 8 hours. The LOW mode can be ended manually.

Protected against overheating

Output current will reduce as temperature increases up to 50°C, but the Blue Smart Charger will not fail.

Eleven LEDs for status indication

Charge algorithm: TEST / BULK / ABSORPTION / RECONDITION / FLOAT / STORAGE / READY.
MODE button to set: NORMAL (14,4V) / HIGH (14,7V) / RECONDITION / LI-ION.

BUILD-IN BLUETOOTH

Blue Smart IP22 Charger 24Volt

24 Volt

The Blue Smart IP22 Charger is the new professional battery charger with built-in bluetooth.

Technical Data	
Blue Smart Charger	**24V, 3 outputs 16A**
Input voltage range (VAC)	180 – 265 VAC
Charge current, normal mode	8/12/16 A
Efficiency	94%
Charge current, NIGHT or LOW	4 / 6 / 8 A
Number of outputs	3
Order number	BlueSmtIP22 24/16(3)
Price excluding VAT	**R2 972**

visit website for full spec and download on the BlueSmart IP22 Chargers

Current Automation

VictronConnect

VictronConnect lets you get live status information and configure any Victron products which either have Bluetooth built-in, or are connected to a VE.Direct Bluetooth Smart Dongle.

Download on the App Store | Get it on Google Play | Available on the Mac app | Download for Windows

See the VictronConnect manual for more information

visit website for full spec and download on the BlueSmart IP67 Chargers

Blue Smart IP67 Charger Waterproof

The Blue Smart IP67 Waterproof Charger is the new professional battery charger with built-in bluetooth. The Blue Smart IP67 Waterproof Charger can be used on devices in your workshop and on motor vehicles, such as (classic) cars; motorbikes; boats and camper-vans.

BUILD-IN BLUETOOTH

Blue Smart IP67 Charger Waterproof

12 Volt

The Blue Smart IP67 Waterproof Charger is the new professional battery charger with built-in bluetooth.

Technical Data	
Blue Smart IP67 Charger	**12/7 12/13**
Input voltage range (VAC)	180-265VAC
Charge current, LOW	2A
Charge current normal	7A
Charge algorith	5 stage adaptive
Can be used as power supply	yes
Order number	BlueSmtIP67 12/7(1) BlueSmtIP67 12/13(1)
Price excluding VAT	**R1 320 R1 748**

BUILD-IN BLUETOOTH

Blue Smart IP67 Charger Waterproof

12 Volt

The Blue Smart IP67 Waterproof Charger is the new professional battery charger with built-in bluetooth.

Technical Data	
Blue Smart IP67 Charger	**12/17 12/25**
Input voltage range (VAC)	180-265VAC
Charge current, LOW	6A
Charge current normal	17A
Charge algorith	5 stage adaptive
Can be used as power supply	yes
Order number	BlueSmart IP67 12/17 BlueSmtIP67 12/25(1) BlueSmtIP67 12/25 Si
Price excluding VAT	**R1 927 R2 497 R2 914**

BUILD-IN BLUETOOTH

Blue Smart IP67 Charger Waterproof

24 Volt

The Blue Smart IP67 Waterproof Charger is the new professional battery charger with built-in bluetooth.

Technical Data	
Blue Smart IP67 Charger	**24/5 24/8 24/12**
Input voltage range (VAC)	180-265VAC
Charge current, LOW	6A
Charge current normal	17A
Charge algorith	5 stage adaptive
Can be used as power supply	yes
Order number	BlueSmtIP67 24/5(1) BlueSmart IP67 24/8 BlueSmtIP67 24/12 Si
Price excluding VAT	**5 - R1 474 8 - R1 927 12 - R2 914**

visit website for full spec and download
on the BluePower IP67 Chargers

Current Automation

Blue Smart Charger

IP65

The professional's choice

* Water, dust and chemical resistant
* Seven step smart charge algorithm
* Recovery of fully dis-charged 'dead' batteries
* Automatic power supply function
* Severe cold performance: down to -30°C
* Several other battery life enhancing features
* Low power mode to charge smaller batteries
* Li-ion battery mode
* Setup and configure, read-out of voltage and current-by Bluetooth Smart

BUILD IN BLUETOOTH

Blue Smart IP65 Charger 4-7A

12 Volt

The Blue Smart IP65 Charger is the new professional battery charger with built-in bluetooth. The Blue Smart IP65 Charger can be used on devices in your workshop and on motor vehicles, such as (classic) cars; motorbikes; boats and camper-vans.

Technical Data	
Blue Smart IP65 Charger	**12 V 4/5/7 A**
Input voltage range (VAC)	100-130 VAC
Efficiency	94%
Standby power consumption	0,5 W
Can be used as power supply	Yes
Order number	BlueSmart IP65 12/4 BlueSmart IP65 12/5 BlueSmart IP65 12/7
Price excluding VAT	**R1 070** **R1 189** **R1 558**

BUILD IN BLUETOOTH

Blue Smart IP65 Charger 10 & 15A

12 Volt

The Blue Smart IP65 Charger is the new professional battery charger with built-in bluetooth. The Blue Smart IP65 Charger can be used on devices in your workshop and on motor vehicles, such as (classic) cars; motorbikes; boats and camper-vans.

Technical Data	
Blue Smart IP65 Charger	**12 V 10/15A**
Input voltage range (VAC)	100-130 VAC
Efficiency	94%
Standby power consumption	0,5 W
Can be used as power supply	Yes
Order number	BlueSmtIP65 12/10 BlueSmtIP65 12/15 BlueSmtIP65 12/25
Price excluding VAT	**R1 843** **R2 129** **R2 831**

BUILD IN BLUETOOTH

Blue Smart IP65 Charger

24 Volt

The Blue Smart IP65 Charger is the new professional battery charger with built-in bluetooth.

Technical Data	
Blue Smart IP65 Charger	**24 V 5/13**
Input voltage range (VAC)	100-130 VAC
Efficiency	95%
Standby power consump-tion	0,5 W
Charge current	5 / 8 A
Low current mode	2 / 3 A
Can be used as power supply	Yes
Order number	BlueSmtIP65 24/5 BlueSmtIP65 24/8 BlueSmtIP65 24/13
Price excluding VAT	**R1 558** **R2 129** **R2 831**

Current Automation

Accessories for the Blue Power IP65 Charger	Order number	Price excluding VAT
M6 eyelet connector (with 30A ATO fuse)	M6 eyelet connector	R107
M8 eyelet connector (with 30A ATO fuse)	M8 eyelet connector	R107
MagCode Power Clip 12V(max 15A)	MagCode Power Clip	R559
MagCode Power Port 12V(max 15A)	MagCode Power Port	R559
2 meter extension cable	2 Meter ext cable	R131
12 Volt plug (cigarette plug with 16A fuse)	12 Volt Plug	R179
Clamp connector (with 30A ATO fuse)	Clamp connector	R166
Battery indicator panel (M8 eyelet connector/30A ATO)	BatteryIndicatePanel	R298
Battery indicator panel (M8 eyelet / 30A ATO Fuse)	BatteryIndicateyelet	R179
Rubber bumber for IP65 Charger 12/10, 12/15, 24/8	Rubber Bumber 3	R95
Rubber bumber for IP65 Charger 12/25, 24/13	Rubber Bumber 2	R143
Wall Mount for IP65 Charger 12/10,12/15,24/8	WallM/E IP65 3	R71
Wall Mount for IP65 Charger 12/25,24/13	WallM/E IP65 2	R155
Carry case for Blue Smart IP65 Charger and Accessories	Case for BPC	**R381**
Carry case for Blue Smart IP65 Charger 12/25, 24/13 and Accessories	Case for BPC 2	**R570**

Wall Mount for IP65 Charger 12/10,12/15,24/8

Rubber bumber for IP65 Charger 12/10, 12/15, 24/8

Battery indicator panel

Automotive IP65 Charger

6 / 12 Volt

Depending on the application, clamps, eyelets or a cigarette plug (all included) can be connected to the charger.

Low power charger for 6V and 12V batteries:
IP65 Charger 6V/12V-1,1A

Charger for 12V batteries with two charge current options:
IP65 Charger 12V/4A – 12V/0,8A

Automotive IP65 Charger	
Input voltage range	**200-265 V**
Frequency	50/60Hz
Charge voltage	7,2 or 14,4 V
Battery capacity range	1,2 Ah – 30 Ah
Charge current	1,1 A max.
Can be used as power supply	No (output relay)
Back current drain	3 Ah/month (4 mA)
Order number	AutomotiveIP65 6/12V AutomotiveIP65 12V
Price excluding VAT	-

visit website for full spec and download on the BluePower IP65 Chargers

Current Automation

Order number: Smartbatterysense

Price excluding VAT: R551

Smart Battery protect

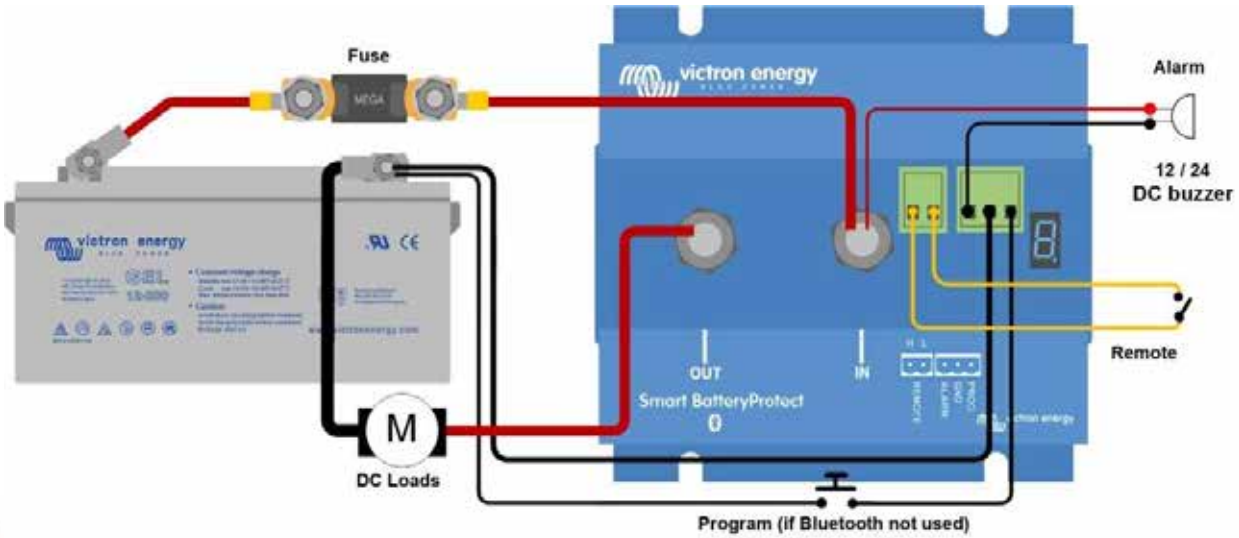
The Smart BatteryProtect disconnects the battery from non-essential loads before it is completely discharged (which would damage the battery) or before it has insufficient power left to crank the engine.

When using Bluetooth to program the Smart BatteryProtect any required engage/disengage levels can be set.

Alternatively, one of nine predefined engage/disengage levels can be set with the programming pin (see manual).

If required, Bluetooth can be disabled.

Accessories for the Blue Power IP65 Charger	Order number	Price excluding VAT
Smart BatteryProtect 12/24V 65A	Smart BP-65	R757
Smart BatteryProtect 12/24V-100A	Smart BP-100	R994
Smart BatteryProtect 12/24V-220A	Smart BP-220	R1 480
Smart BatteryProtect 48V-100A	Smart BP-48/100	R1 932



Current Automation

Battery Protectors

Battery protectors are responsible for disconnecting your loads before the battery is flat. This prevents unnecessary damage to your battery. Other beneficial features include auto ranging which automatically detects system voltage, over voltage protection which prevents damage to sensitive loads and delayed alarm output and delayed load disconnect. To ensure the quality and longevity of your battery, equip it with a Victron Energy battery protector. We have a selection of products to choose from in order to accommodate your specific requirements.

visit website for full spec and download on the Battery Protectors

BatteryProtect 48

The BatteryProtect disconnects the battery from non-essential loads before it is completely discharged (which would damage the battery) or before it has insufficient power left to crank the engine.

Technical Data	
BatteryProtect	**48-100**
Maximum continuous load current	100A
Peak current	250A
Operating voltage range	24 –64V
Current consumption	When on: 2 mA When off or low voltage shutdown : 0,8 mA
Alarm output delay	12 seconds
Maximum load on alarm Output	50 mA (short circuit proof)
Order number	BatteryProtect 48V
Price excluding VAT	**R1 684**

BatteryProtect 65

The BatteryProtect disconnects the battery from non-essential loads before it is completely discharged (which would damage the battery) or before it has insufficient power left to crank the engine.

Technical Data	
BatteryProtect	**65**
Maximum continuous load current	65A
Peak current	300A
Operating voltage range	6 –35V
Current consumption	When on: 1,5 mA When off or low voltage shutdown : 0,6 mA
Alarm output delay	12 seconds
Maximum load on alarm Output	50 mA (short circuit proof)
Order number	BatteryProtect-65
Price excluding VAT	**R508**

BatteryProtect 100

The BatteryProtect disconnects the battery from non-essential loads before it is completely discharged (which would damage the battery) or before it has insufficient power left to crank the engine.

Technical Data	
BatteryProtect	**100**
Maximum continuous load current	100A
Peak current	600A
Operating voltage range	6 –35V
Current consumption	When on: 1,5 mA When off or low voltage shutdown : 0,6 mA
Alarm output delay	12 seconds
Maximum load on alarm Output	50 mA (short circuit proof)
Order number	BatteryProtect-100A
Price excluding VAT	**R746**

Battery Balancer

The Battery Balancer equalizes the state of charge of two series connected 12V batteries, or of several parallel strings of series connected batteries.

Order number:
Battery Balancer

Price excluding VAT: R679

BatteryProtect 220

The BatteryProtect disconnects the battery from non-essential loads before it is completely discharged (which would damage the battery) or before it has insufficient power left to crank the engine.

Technical Data	
BatteryProtect	**220**
Maximum continuous load current	220A
Peak current	600A
Operating voltage range	6 –35V
Current consumption	When on: 1,5 mA When off or low voltage shutdown : 0,6 mA
Alarm output delay	12 seconds
Maximum load on alarm Output	50 mA (short circuit proof)
Order number	BatteryProtect-220A
Price excluding VAT	**R1 231**

Current Automation

Galvanic Isolator

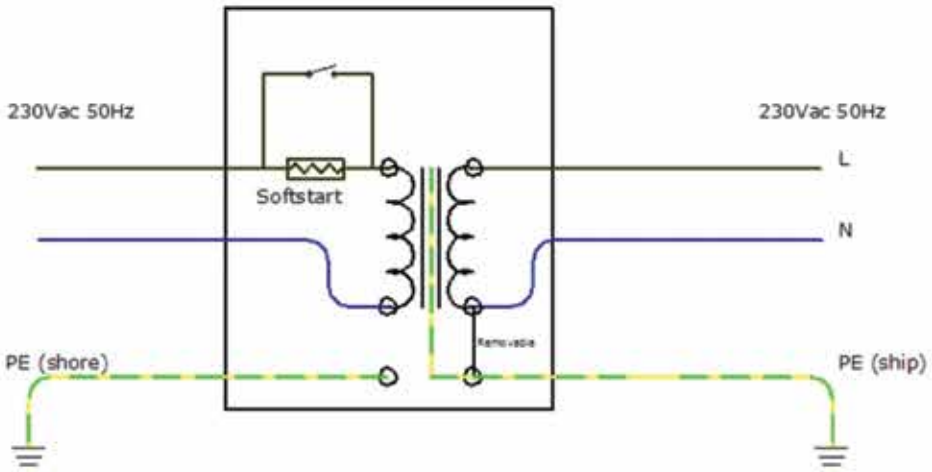
The galvanic isolator consists internally of two diodes which are connected in anti-parallel fashion. When they are connected in this way, the diodes allow current in both directions but only above a certain threshold voltage. The voltage at which diodes conduct is about 1.4 Vdc.

visit website for full spec and download on the Galvanic Isolators

Technical Data		
Autotransformer	**VDI-16**	**VDI-32**
Peak current	1600 A / 20 ms	1600 A / 20 ms
Max current	16 A	32 A
Dimensions H x W x D mm	60 x 120 x 200	63 x 164 x 235
Weight kg (lbs)	1 (2.2)	2 (4.4)
Order number	Galvanic.Isol VDI-16	Galvanic.Isol VDI-32
Price excluding VAT	**R1 540**	**R3 493**

Current Automation

Isolation Transformers 2000VA / 3600VA / 7000VA



Indispensable in professional marine energy systems. It prevents electrolytic corrosion and above all serves as a device to guarantee a safe electric system. Toroidal wound technology for quietness and high efficiency. Soft start circuitry will ensure that the shore circuit breaker will not trip when plugged in.

Isolation Transformers 2000VA

Indispensable in professional marine energy systems. It prevents electrolytic corrosion and above all serves as a device to guarantee a safe electric system. Toroidal wound technology for quietness and high efficiency. Soft start circuitry will ensure that the shore circuit breaker will not trip when plugged in.

Technical Data	
Isolation Transformers	**2000 Watt (1)**
Input	115 or 230 V
Output	115 or 230 V
Frequency	50/60Hz
Rating	17 / 8,5 A
Soft start	Yes
Transformer type	Toroidal (low noise, low weight)
Order number	IsolationTrans2000
Price excluding VAT	**R5 577**

Isolation Transformers 3600VA

Indispensable in professional marine energy systems. It prevents electrolytic corrosion and above all serves as a device to guarantee a safe electric system. Toroidal wound technology for quietness and high efficiency. Soft start circuitry will ensure that the shore circuit breaker will not trip when plugged in.

Technical Data	
Isolation Transformers	**(3600) Watt (1)**
Input	115 or 230 V
Output	115 or 230 V
Frequency	50/60Hz
Rating	32 / 16 A
Soft start	Yes
Transformer type	Toroidal (low noise, low weight)
Order number	IsolationTrans3600
Price excluding VAT	**R8 382**

Isolation Transformers 7000VA

Indispensable in professional marine energy systems. It prevents electrolytic corrosion and above all serves as a device to guarantee a safe electric system. Toroidal wound technology for quietness and high efficiency.

Technical Data	
Isolation Transformers	**7000 Watt (1)**
Input	230 V
Output	230 V
Frequency	50/60Hz
Rating	32 A
Soft start	Yes
Transformer type	Toroidal (low noise, low weight)
Order number	IsolationTrans7000
Price excluding VAT	**R11 447**

Victron Isolation Transformer 3600W 115/230V 32/16A

The isolation transformer eliminates any electrical continuity between AC shore power and the boat. It is essential for safety and eliminates the need for galvanic isolators and polarity alarms.

Order number: IsolationTrans3600AU

Price excluding VAT: R8 863

visit website for full spec and download on the Isolation transformers

Current Automation

DC-DC converters

The remote on-off eliminates the need for a high current switch in the input wiring. The remote on-off can be operated with a low power switch or by for example the engine run/stop switch (see manual)..

Orion-Tr DC-DC Converters Isolated

With galvanic isolation

12 / 24 / 48 Volt

Remote on-off
The remote on-off eliminates the need for a high current switch in the input wiring. The remote on-off can be operated with a low power switch or by for example the engine run/stop switch (see manual).

Adjustable output voltage: can also be used as a battery charger
For example to charge a 12 Volt starter or accessory battery in an otherwise 24V system.

All models are short circuit proof and can be paralleled to increase output current
An unlimited number of units can be connected in parallel.

12V

Isolated converters 110 – 120W	Orion-Tr 12/12-9 (110W)	Orion-Tr 12/12-18 (220W)	Orion-Tr 12/12-30 (360W)	Orion-Tr 12/24-5 (120W)	Orion-Tr 12/24-10 (240W)
Input voltage range	8-17V	8-17V	10-17V	8-17V	8-17V
Under voltage shut down	7V	7V	7V	7V	7V
Under voltage restart	7,5V	7,5V	7,5V	7,5V	7,5V
Nominal output voltage	12,2V	12,2V	12,2V	24,2V	24,2V
Output voltage adjust range	10-15V	10-15V	10-15V	20-30V	20-30V
Order number	Orion-Tr 12/12-9A	Orion-Tr 12/12-18A	Orion-Tr 12/12-30A	Orion-Tr 12/24-5A	Orion-Tr 12/24-10A
Price excluding VAT	**R889**	**R1 779**	**R3 034**	**R889**	**R1 601**

24V

Isolated converters 110 – 120W	Orion-Tr 24/12-9 (110W)	Orion-Tr 24/12-20 (240W)	Orion-Tr 24/12-30 (360W)	Orion-Tr 24/24-5 (120W)	Orion-Tr 24/24-12 (280W)	Orion-Tr 24/24-17 (400W)	Orion-Tr 24/48-2,5 (120W)	Orion-Tr 24/48-6 (280W)	Orion-Tr 24/48-8.5 (120W)
Input voltage range	16-35V	16-35V	20-35V	16-35V	16-35V	20-35V	16-35V	16-35V	20-35V
Under voltage shut down	14V	14V	14V	14V	14V	14V	14V	14V	14V
Under voltage restart	15V	15V	15V	15V	15V	15V	15V	15V	15V
Nominal output voltage	12,2V	12,2V	12,2V	24,2V	24,2V	24,2V	48,2V	48,2V	48,2V
Output voltage adjust range	10-15V	10-15V	10-15V	20-30V	20-30V	20-30V	40-60V	40-60V	40-60V
Order number	Orion-Tr 24/12-9	Orion-TR 24/12-20A	Orion-Tr 24/12-30	Orion-Tr 24/24-5A	Orion-Tr 24/24-12A	Orion-Tr 24/24-17A	Orion-Tr 24/48-2,5A	Orion-Tr 24/48-6A	Orion-Tr 24/48-8.5A
Price excluding VAT	**R889**	**R1 601**	**R2 822**	**R889**	**R1 601**	**R2 822**	**R889**	**R1 601**	**R2 822**

48V

Isolated converters 110 – 120W	Orion-Tr 48/12-9A (110W)	Orion-Tr 48/12-20A (240W)	Orion-TR 48/12-30A (360W)	Orion-Tr 48/24-5A (120W)	Orion-TR 48/24-12A (280W)	Orion-TR 48/24-16A (380W)	Orion-Tr 48/48-2,5A (120W)	Orion-Tr 48/48-6A (280W)	Orion-TR 48/48-8A (380W)
Input voltage range	16-35V	32-70V	40-70V	32-70V	32-70V	40-70V	32-70V	32-70V	40-70V
Under voltage shut down	14V	28V	28V	28V	28V	28V	28V	28V	28V
Under voltage restart	15V	30V	30V	30V	30V	30V	30V	30V	30V
Nominal output voltage	48,2V	12,2V	12,2V	24,2V	24,2V	24,2V	48,2V	48,2V	48,2V
Output voltage adjust range	40-60V	10-15V	10-15V	20-30V	20-30V	20-30V	40-60V	40-60V	40-60V
Order number	Orion-Tr 48/12-9A	Orion-Tr 48/12-20A	Orion-Tr 48/12-30A	Orion-Tr 48/24-5A	Orion-Tr 48/24-12A	Orion-Tr 48/24-16A	Orion-Tr 48/48-2,5A	Orion-Tr 48/48-6A	Orion-Tr 48/48-8A
Price excluding VAT	**R889**	**R1 601**	**R2 822**	**R889**	**R1 601**	**R2 515**	**R889**	**R1 601**	**R2 822**

Current Automation

Orion isolated 100W

Orion isolated 360W

Orion DC-DC Converters Isolated

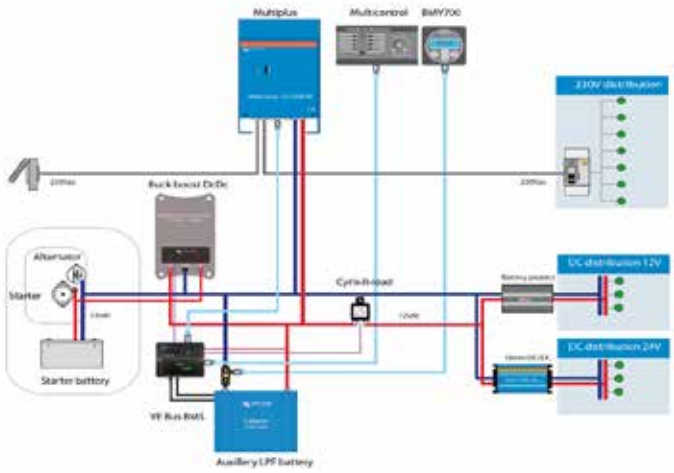
With galvanic isolation

12 / 24 / 48 Volt

Remote on-off
The remote on-off eliminates the need for a high current switch in the input wiring. The remote on-off can be operated with a low power switch or by for example the engine run/stop switch (see manual).

12V

Isolated converters 100 – 360W	ORI121222120 Orion-Tr Smart 12/12-18A 220W	ORI121236120 Orion-Tr Smart 12/12-30A 360W	ORI122424120 Orion-Tr Smart 12/24-10A 240W	ORI122436120 Orion-Tr Smart 12/24-15A 360W
Power rating (W)	100W	200W	100W	200W
Galvanic isolation	Yes	Yes	Yes	Yes
V and A	12V/8.3A	12V/17A	12V/4.2A	12V/8.3A
Order number	Orion-Tr SM 12/12-18	Orion-Tr SM 12/12-30	Orion-Tr SM 12/24-10	Orion-Tr SM 12/24-15
Price excluding VAT	**R2 241**	**R3 427**	**R2 241**	**R3 427**



Orion-Tr DC-DC Converters Non-isolated

24 Volt

DC-DC converters

The remote on-off eliminates the need for a high current switch in the input wiring. The remote on-off can be operated with a low power switch or by the engine run/stop switch. All models with adjustable output can also be used as a battery charger, For example, to charge a 12 Volt starter or accessory battery in an otherwise 24V system. All models with adjustable output can be paralleled to increase output current

Up to five units can be connected in parallel.

Non isolated converters	ORI241224120 Orion-Tr Smart 24/12-20A 240W	ORI241236120 Orion-Tr Smart 24/12-30A 360W	ORI242428120 Orion-Tr Smart 24/24-12A 280W	ORI242440120 Orion-Tr Smart 24/24-17A 400W
Input voltage range	18-35V	20-35V	16-35V	20-35V
Output voltage	12.7V	14V	14V	14V
Efficiency	95%	97%	97%	97%
Order number	**Orion-Tr SM 24/12-20**	**Orion-Tr SM 24/12-30**	**Orion-Tr SM 24/24-12**	**Orion-Tr SM 24/24-17**
Price excluding VAT	**R2 241**	**R3 427**	**R2 241**	**R3 427**

Orion DC-DC Converters Non-isolated

12 Volt

DC-DC converters

All models with adjustable output can also be used as a battery charger

For example to charge a 12 Volt starter or accessory battery in an otherwise 24 V system.

Non isolated converters	Orion 12/24-8	Orion 12/24-10	Orion 12/24-20
Input voltage range	9-18	9-18	9-18
Undervoltage shutdown (V)	8	8	8
Undervoltage restart (V)	10	10	10
Output voltage (V)	24	Adjustable 20-30V F set 26,4V	Adjustable 20-30V F set 26,4V
Efficiency	95%	95%	93%
Continuous output current	5A	10A	15A
Max. Output current	20	20	30
Order number	Orion 12/24-8	Orion 12/24-10	Orion 12/24-20
Price excluding VAT	R755	R867	R1972

Orion DC-DC Converters Non-isolated

24 Volt

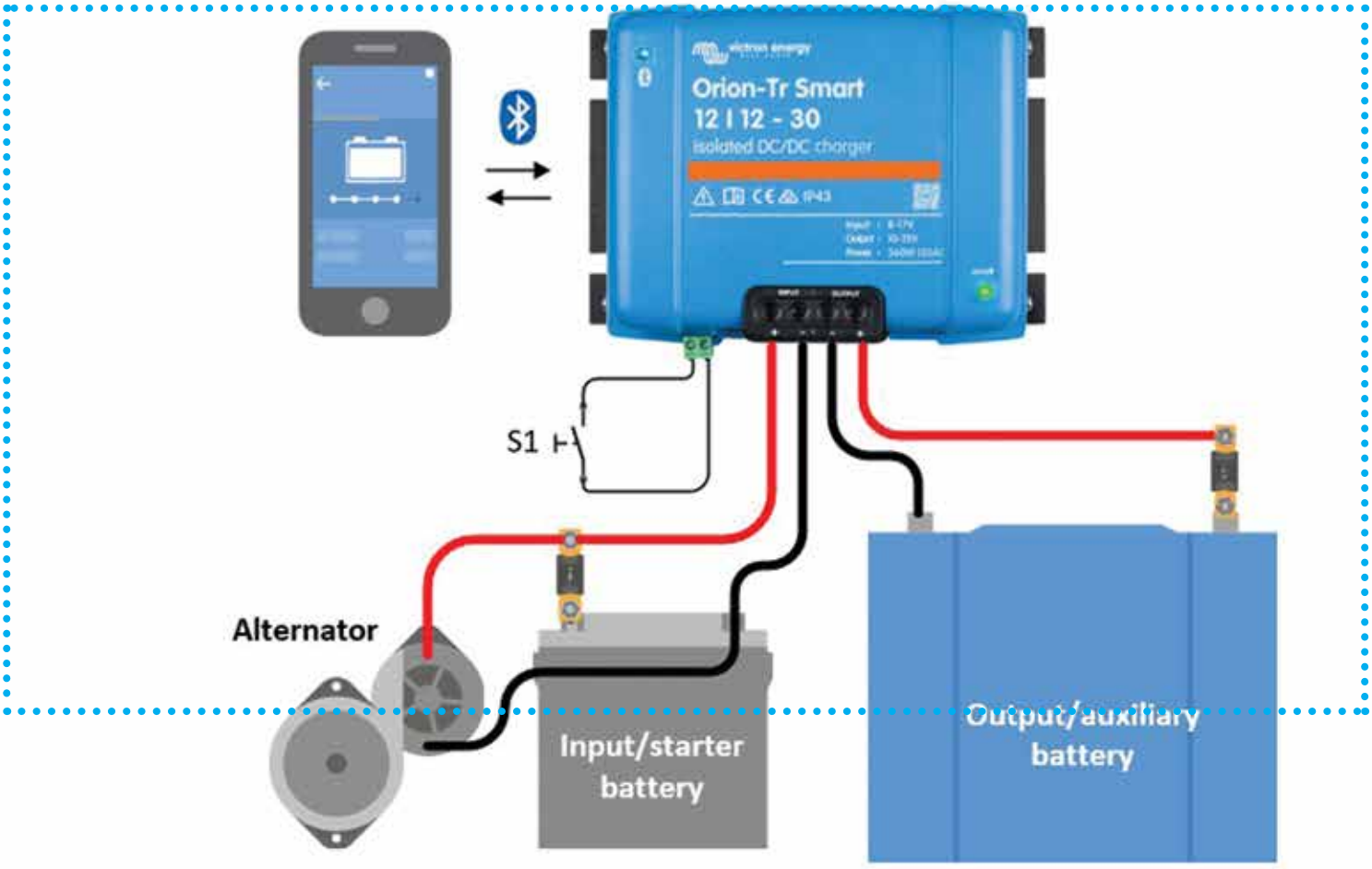
Easy to install

Delivery includes four Insulated Fastons Female Crimp 6.3 mm (eight Fastons in case of the Orion 24/12-40).

Non isolated converters	Orion 24/12-25	Orion 24/12-70
Input voltage range	18-35	18-35
Undervoltage shutdown (V)	14	14
Undervoltage restart (V)	18	18
Output voltage (V)	Adjustable 10–15V F set 13,2V	Adjustable 10–15V F set 13,2V
Efficiency	96	92
Continuous output current	25A	70A
Max. Output current	35	85
Order number	Orion 24/12-25	Orion 24/12-70
Price excluding VAT	R962	R1746

Current Automation

visit website for full spec and download on the Orion DC-DC Converters



Remote on-off connector on the high power models
The remote on-off eliminates the need for a high current switch in the input wiring. The remote on-off can be operated with a low power switch or by the engine run/stop switch.

All models with adjustable output can also be used as a battery charger For example to charge a 12 Volt starter or accessory battery in an otherwise 24 V system.

All models with adjustable output can be paralleled to increase the output current

Up to five units can be connected in parallel.

The Orion 12/27,6-12: a 24 V battery charger
To charge a 24 V battery from a 12 V system. The output voltage of this model can be adjusted with a potentiometer

A super wide input range buck-boost regulator: the Orion 7-35/12-3
The Orion 7-35/12-3 is an isolated converter with a very wide input range, suitable for both 12 V and 24 V systems, and a fixed 12,6 V output.

Easy to install
Delivery includes four Insulated Fastons Female Crimp 6.3 mm (eight Fastons in case of the Orion 24/12-40).

Orion DC-DC Converters Isolated, 360W 15A

Isolated Converters	
Isolated Converters	**Orion 110/24-15A (360W)**
Power rating (W)	360
Galvanic isolation	yes
Temperature increase after 30 minutes at full load (°C)	30
Fan assisted cooling (temp. controlled)	yes
Order number	Orion 110/24-360W
Price excluding VAT	**R5132**

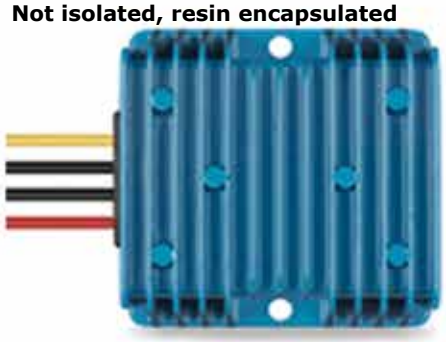
visit website for full spec and download on the Orion DC-DC Converters

Current Automation

Orion DC-DC Converters Isolated, 360W 30A

Isolated Converters	
Isolated Converters	**Orion 110/12-30A (360W)**
Power rating (W)	360
Galvanic isolation	yes
Temperature increase after 30 minutes at full load (°C)	30
Fan assisted cooling (temp. controlled)	yes
Order number	Orion 110/12-360W
Price excluding VAT	**R5132**

Not isolated, resin encapsulated

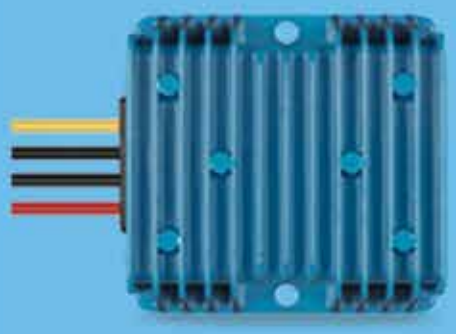


Orion IP67 24/20 DC-DC Converters

24 Volt

Water, oil or dirt will not damage the Orion IP67 DC-DC Converter. The casing is made of cast aluminium and the electronics are moulded in resin.

Orion IP67	24/12-20
Input voltage range	15-40VDC
Under voltage shutdown	13V
Under voltage restart	14V
No load current at 24V	50mA
DC output voltage	12V +/- 3%
Maximum continuous output current	20A
Efficiency	95%
Order number	Orion IP67 24/12-20
Price excluding VAT	**R627**



Not isolated, resin encapsulated

Orion IP67 24/12 DC-DC Converters

24 Volt

Water, oil or dirt will not damage the Orion IP67 DC-DC Converter. The casing is made of cast aluminium and the electronics are moulded in resin.

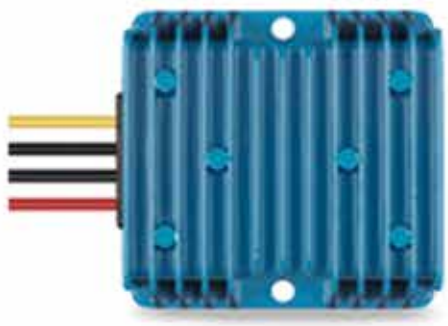
Orion IP67	24/12-5
Input voltage range	15-40VDC
Under voltage shutdown	13V
Under voltage restart	14V
No load current at 24V	1mA
DC output voltage	12V +/- 3%
Maximum continuous output current	5A
Efficiency	93%
Order number	Orion IP67 24/12-5
Price excluding VAT	**R295**

Orion IP67 25A DC-DC Converters

12 Volt

DC-DC Converter for charging a 12/24V service battery in vehicles with an intelligent dynamo.

Buck-Boost DC-DC Converter	
Buck-Boost DC-DC Converter	**25A**
Input voltage range	7-35V
Under voltage threshold	10V
Output voltage range	2-30V
Maximum charge current	12V : 25A 24V : 15A
Converter off, LEDs off (power save mode)	7 mA
'On' threshold voltage	> 2V
Order number	25A Buck-Boost DC/DC
Price excluding VAT	**R7599**



Not isolated, resin encapsulated

Orion IP67 24/10 DC-DC Converters

24 Volt

Water, oil or dirt will not damage the Orion IP67 DC-DC Converter. The casing is made of cast aluminium and the electronics are moulded in resin.

Orion IP67	24/12-10
Input voltage range	15-40VDC
Under voltage shutdown	13V
Under voltage restart	14V
No load current at 24V	20mA
DC output voltage	12V +/- 3%
Maximum continuous output current	10A
Efficiency	93%
Order number	Orion IP67 24/12-10
Price excluding VAT	**R485**

Orion IP67 50A DC-DC Converters

24 Volt

DC-DC Converter for charging a 12/24V service battery in vehicles with an intelligent dynamo.

Buck-Boost DC-DC Converter	
Buck-Boost DC-DC Converter	**50A**
Input voltage range	7-35V
Under voltage threshold	10V
Output voltage range	2-30V
Maximum charge current	12V : 50A 24V : 25A
Converter off, LEDs off (power save mode)	7 mA
'On' threshold voltage	> 2V
Order number	50A Buck-Boost DC/DC
Price excluding VAT	**R9439**

100A Buck-BoostDC/DC
R16 512

Current Automation

Battery monitors

The essential function of a battery monitor is to calculate ampere hours consumed and the state of charge of a battery. Ampere hours consumed are calculated by integrating the current flowing in or out of the battery.

BMV-710H smart

70 - 350 VDC

R7 438 excluding VAT

BMV-700 series

Battery Monitor	BMV-700
Supply voltage range	6,5 - 95 VDC
Current draw, back light off	< 4mA
Input voltage range, auxiliary battery	n. a
Battery capacity (Ah)	20 - 9999 Ah
Operating temperature range	-40 +50°C (-40 - 120°F)
Measures voltage of second battery, or temperature, or midpoint	No
Order number	BMV-700
Price excluding VAT	R1 551

BMV-712 Smart/BLACK

Battery Monitor	
Battery Monitor	BMV-712 Smart
Supply voltage range	6,5 - 70 VDC
Current draw, back light off	< 1mA
Input voltage range, auxiliary battery	6,5 - 70 VDC
Battery capacity (Ah)	20 - 9999 Ah
Operating temperature range	-40 +50°C (-40 - 120°F)
Measures voltage of second battery, or temperature, or midpoint	Yes
Order number	BMV-712
Order number	BMV-712 BLACK Smart
Price excluding VAT	R2 225
Price excluding VAT	R2 225

BMV-702 series

Battery Monitor	BMV-702 BMV-702 BLACK
Supply voltage range	6,5 - 95 VDC
Current draw, back light off	< 4mA
Input voltage range, auxiliary battery	6,5 - 95 VDC
Battery capacity (Ah)	20 - 9999 Ah
Operating temperature range	-40 +50°C (-40 - 120°F)
Measures voltage of second battery, or temperature, or midpoint	Yes
Order number	BMV-702 BMV-702 BLACK
Price excluding VAT	R1927 R1927

Battery Balancer

The Battery Balancer equalizes the state of charge of two series connected 12V batteries, or of several parallel strings of series connected batteries.

Victron Battery Balancer	
Input voltage range	Up to 18V per battery, 36V total
Turn on level	27,3V +/- 1%
Turn off level	26,6V +/- 1%
Current draw when off	0,7 mA
Order number	Battery Balancer
Price excluding VAT	R679

BMV-700H series

Battery Monitor	
Battery Monitor	BMV-700HS
Supply voltage range	60 – 385 VDC
Current draw, back light off	< 4mA
Input voltage range, auxiliary battery	n. a
Battery capacity (Ah)	20 - 9999 Ah
Operating temperature range	-40 +50°C (-40 - 120°F)
Measures voltage of second battery, or temperature, or midpoint	No
Order number	BMV-700H
Price excluding VAT	R7106

Temperature sensor for BMV-702

Order number: Temperature sensor for BMV-702

Price excluding VAT: R438

Current Automation

Lynx Power In

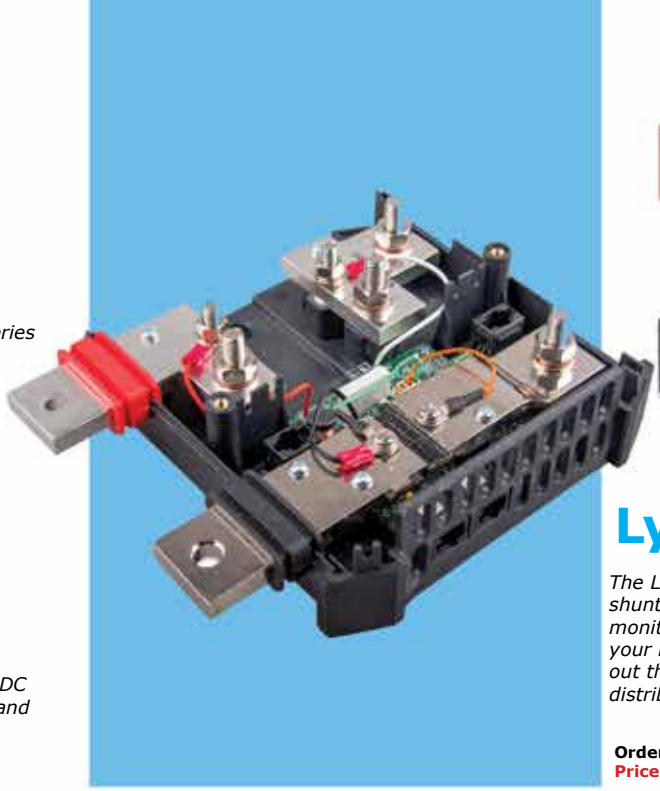
A modular DC bus bar, used to connect batteries to the Lynx DC distribution system.

Order number: Lynx Power In
Price excluding VAT: R1977

Lynx Distributor

A modular DC bus bar, with locations for four DC fuses. It will monitor the status of each fuse, and indicate its condition with a LED on the front.

Order number: Lynx Distributor
Price excluding VAT: R285



Lynx Shunt VE.Can

The Lynx Shunt VE.Can is an intelligent 1000A shunt with location for a fuse, the built in battery monitor accurately monitors the state of charge of your battery. Use the Color Control GX for reading out the information. Part of the modular Lynx distribution system.

Order number: Lynx Shunt VE.Can
Price excluding VAT: R4983

Victron VE Transfer Switch 5/10kVA 230V

The VE Transfer Switch has been designed to switch sensitive loads, such as computers or modern entertainment equipmentfrom one AC source to another.

The priority source typically is the mains, a generator or shore power.

Order number: VE.TransSwitch 5KVA

Price excluding VAT: R4344

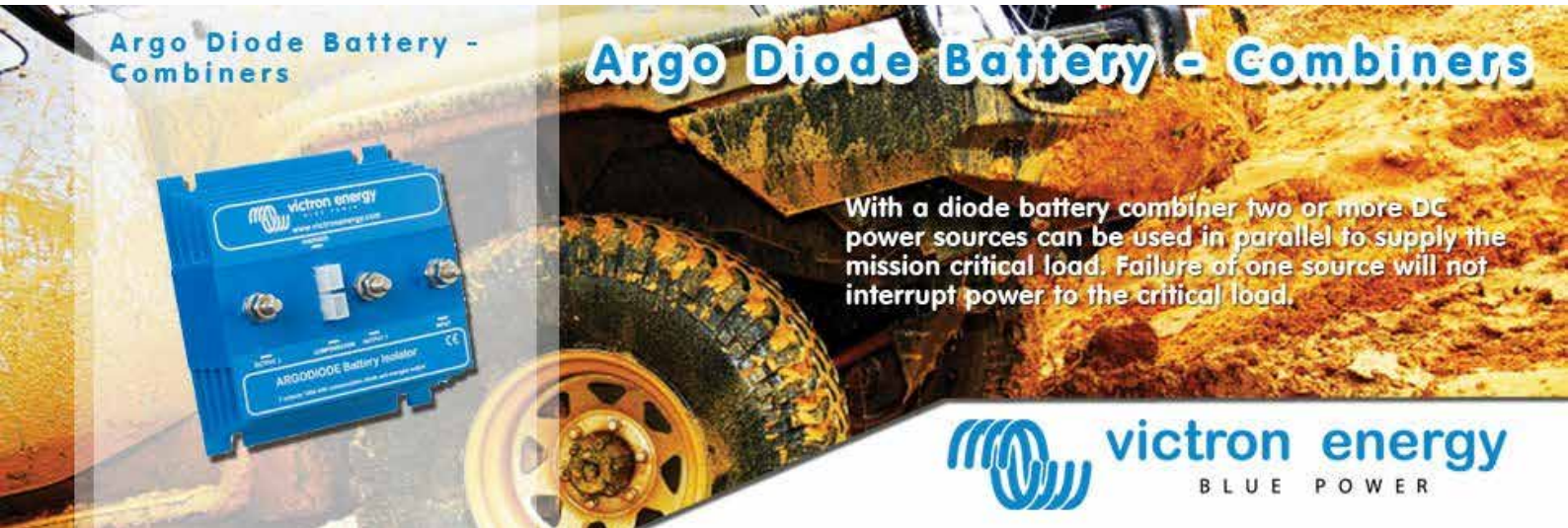
Order number: Lynx Smart BMS 500
Price excluding VAT: R12 725

Argo Diode Battery Combiners

Diode Battery Combiners are used to guarantee continuous DC power to mission critical equipment, such as an electronic engine control system. With a Diode Battery Combiner two or more DC power sources can be used in parallel to supply the mission critical load. Failure of one source will not interrupt power to the critical load.

Argo Diode Battery Combiner	BCD 802
Maximum continuous current (A)	60
Number of batteries	2
Connection	M6 bolts
Weight kg (lbs)	0,8 (1.8)
Order number	BCD 802 2 BAT 80A
Price excluding VAT	R633

Argo Diode Battery Combiner	BCD 402
Maximum continuous current (A)	40
Number of batteries	2
Connection	M6 bolts
Weight kg (lbs)	0,8 (1.8)
Order number	BCD 402 2 BAT 40A
Price excluding VAT	R515



Argo Diode Battery Isolators

Diode battery isolators allow simultaneous charging of two or more batteries from one alternator, without connecting the batteries together. Discharging the accessory battery for example will not result in also discharging the starter battery.

The Argo Battery Isolators feature a low voltage drop thanks to the use of Schottky diodes: at low current the voltage drop is approximately 0,3 V and at the rated output approximately 0,45 V. All models are fitted with a compensation diode that can be used to slightly increase the output voltage of the alternator. This compensates for the voltage drop over the diodes in the isolator. Please see our book 'Energy Unlimited' or ask for specialist advice when installing a diode isolator. Simply inserting the isolator in the cabling between the alternator and the batteries will slightly reduce charge voltage. The result can be that batteries are not charged to the full 100% and age prematurely.

Alternator energize input
Some alternators need DC voltage on the B+ output to start charging. Obviously, DC will be present when the alternator is directly connected to a battery. Inserting a Diode or FET splitter will however prevent any return voltage/current from the batteries to the B+, and the alternator will not start. The new 'AC' diode isolators feature a special current limited energize input that will power the B+ when the
engine run/stop switch is closed.

Argo Diode Battery Isolator	80-2SC	80-2AC	100-3AC	120-2AC	140-3AC	180-3AC
Maximum charge current (A)	80	80	100	120	140	180
Maximum alternator current (A)	80	80	100	120	140	180
Number of batteries	2	2	3	2	3	3
Alternator Energize Input	no	yes	yes	yes	yes	yes
Connection	M6 Studs	M6 Studs	M6 Studs	M8 Studs	M8 Studs	M8 Studs
Compensation diode and Energize connection	6,3 mm Faston	6,3 mm Faston	6,3 mm Faston	6,3 mm Faston	6,3 mm Faston	6,3 mm Faston
Weight kg (lbs)	0,5 (1.3)	0,6 (1.3)	0,8 (1.8)	0,8 (1.8)	1,1 (2.5)	1,5 (3.3)
Order number	ARGO 80-2SC 2BAT 80A	ARGO 80-2AC 2BAT 80A	ARGO100-3AC-3BAT 100A	ARGO120-2AC2BAT 120A	ARGO140-3AC3BAT 140A	ARGO180-3AC3BAT 180A
Price excluding VAT	**R551**	**R701**	**R951**	**R1064**	**R1339**	**R1540**

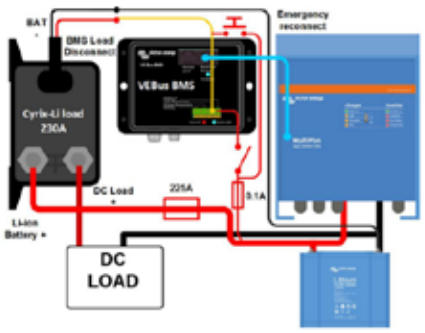
Argo FET Battery Isolators

Similarly to diode battery isolators, FET isolators allow simultaneous charging of two or more batteries from one alternator (or a single output battery charger), without connecting the batteries together. In contrast with diode battery isolators, FET isolators have virtually no voltage loss. Voltage drop is less than 0,02 Volt at low current and averages 0,1 Volt at higher currents.

Argo FET Battery Isolator	Argofet 100-2	Argofet 200-2	Argofet 200-3	Argofet 100-3 Three batteries 100A
Maximum charge current (A)	100	200	200	100
Maximum alternator current (A)	100	200	200	100
Number of batteries	2	2	3	3
Alternator Energize Input	no	no	yes	yes
Connection	M8 bolts	M8 bolts	M8 bolts	M8 bolts
Weight kg (lbs)	1,4 (3.1)	1,4 (3.1)	1,4 (3.1)	1,4 (3.1)
Order number	ARGOFET100-2 2BAT100	ARGOFET200-2 2BAT200	ARGOFET200-3 3BAT200	ARGOFET100-3 3BAT100
Price excluding VAT	**R1402**	**-**	**R1965**	**R1 615**

Microprocessor controlled battery combiner/isolators

The Cyrix Battery Combiner is a microprocessor controlled heavy duty relay that automatically connects batteries in parallel when one of them has reached a pre-set voltage (indicating that the battery is being charged), and disconnects when the voltage decreases below float level (indicating that one or more batteries are being discharged). Cyrix Battery Combiners are an excellent replacement for diode isolators. The main feature is that there is virtually no voltage loss so that the output voltage of alternators or battery chargers does not need to be increased.



LED status indicator

Current Automation

Cyrix-i 24/48 V 400 A

Cyrix-ct 12/24V-120A Battery combiner kit

Cable and lugs included

- 6mtr RED 10mm² cable
- 0.5mtr BLACK 10mm² cable
- 0.2mtr BLACK 1.5mm² cable assembly with M2 lug and 6.3mm fast on terminal
- 2pcs M8 cable lug with insulation sleeve
- 4pcs M6 cable lug with insulation sleeve
- 4pcs cable tie 150mm

Order number: **Cyrix-ct 12/24-120kit**

Price excluding VAT: R1 364

visit website for full spec and download on the Cyrix battery combinder

Cyrix-ct 12/24V-230A intelligent combiner

The Cyrix Battery Combiner is a microprocessor controlled heavy duty relay that automatically connects batteries in parallel when one of them has reached a pre-set voltage (indicating that the battery is being charged), and disconnects when the voltage decreases below float level (indicating that one or more batteries are being discharged).

Cyrix-Li-ct 12/24-230	12 V system	24 V system
Continuous current and breaking capacity at 12 V or 24 V	230 A	
Breaking capacity at 48 V	n. a.	
LED status indication	Yes	
Control cable	Included (length 1 meter)	
Order number	Cyrix-ct 12/24-230A	
Price excluding VAT	**R1690**	

Cyrix-ct 12/24V-120A intelligent combiner

The Cyrix Battery Combiner is a microprocessor controlled heavy duty relay that automatically connects batteries in parallel when one of them has reached a pre-set voltage (indicating that the battery is being charged), and disconnects when the voltage decreases below float level (indicating that one or more batteries are being discharged).

Cyrix-Li-ct 12/24-120	12 V system	24 V system
Continuous current and breaking capacity at 12 V or 24 V	120 A	
Breaking capacity at 48 V	n. a.	
LED status indication	Yes	
Control cable	Included (length 1 meter)	
Order number	Cyrix-ct 12/24v-120A Cyrix-ct 12/24v-120Akit	
Price excluding VAT	**R689** **R1 364**	

Cyrix-ct 12/24V-400A intelligent combiner

The Cyrix Battery Combiner is a microprocessor controlled heavy duty relay that automatically connects batteries in parallel when one of them has reached a pre-set voltage (indicating that the battery is being charged), and disconnects when the voltage decreases below float level (indicating that one or more batteries are being discharged).

Cyrix-Li-ct 12/24-400	12 V	24 V
Continuous current and breaking capacity at 12 V or 24 V	400 A	
Breaking capacity at 48 V	n. a.	
LED status indication	Yes	
Control cable	Included (length 1 meter)	
Order number	Cyrix-i 12/24V-400A	
Price excluding VAT	**R3618**	

Cyrix-ct 24/48V-400A intelligent combiner

The Cyrix Battery Combiner is a microprocessor controlled heavy duty relay that automatically connects batteries in parallel when one of them has reached a pre-set voltage (indicating that the battery is being charged), and disconnects when the voltage decreases below float level (indicating that one or more batteries are being discharged).

Cyrix-Li-ct 12/24-400	24V	48V
Continuous current and breaking capacity at 12 V or 24 V	400 A	
Breaking capacity at 48 V	n. a.	
LED status indication	Yes	
Control cable	Included (length 1 meter)	
Order number	Cyrix-i 24/48v-400A	
Price excluding VAT	**R3256**	

Current Automation

Cyrix-Li-ct Battery combiner

Cyrix-Li-ct 12/24-120

Cyrix Battery Combiner	Cyrix-Li-load 12/24-120 Cyrix-Li-load 24/48-120	Cyrix-Li-Charge 12/24-120 Cyrix-Li-Charge 24/48-120	Cyrix-Li-ct 12/24-120 combiner	
			12V system	24V system
Continuous current and breaking capacity at 12V or 24V	120A	120A	120A	
Breaking capacity at 48V	40A	40A	n. a.	
Control input	The Cyrix engages when the control input is high (appr. Battery voltage) The Cyrix disengages when the control input is left free floating or pulled low			
Connect voltage	-	13,7V / 27,4V / 54,8V	13,4V < V < 13,7V: 120 s 13,7V < V < 13,9V: 30 s V > 13,9V: 4 s	26,8V < V < 27,4V: 120 s 27,4V < V < 27,8V: 30 s V > 27,8V: 4 s
Disconnect voltage	-	-	13,3V < V < 13,2V: 10 s V < 13,2V: immediate	26,6V < V < 26,4V: 10 s V < 26,4V: immediate
Order number	Cyrix-Li-LD12/24-120 Cyrix-Li-LD24/48-120	Cyrix-Li-CH12/24-120 Cyrix-Li-CH24/48-120	Cyrix-Li-Ct12/24-120	
Price excluding VAT	**R914** **R914**	**R1064** **R1064**	**R1 064**	

Cyrix Battery Combiner	Cyrix-Li-load 12/24-230 Cyrix-Li-load 24/48-230	Cyrix-Li-Charge 12/24-230 Cyrix-Li-Charge 24/48-230	Cyrix-Li-ct 12/24-230	
			12V system	24V system
Continuous current and breaking capacity at 12V or 24V	230 A	230 A	230 A	
Breaking capacity at 48V	80 A	80 A	n. a.	
LED status indication	Yes			
Control cable	Included (length 1 meter)			
Control input	The Cyrix engages when the control input is high (appr. Battery voltage) The Cyrix disengages when the control input is left free floating or pulled low			
Connect voltage	-	13,7 V / 27,4 V / 54,8 V	13,4V < V < 13,7V: 120 s 13,7V < V < 13,9V: 30 s V > 13,9V: 4 s	26,8V < V < 27,4V: 120 s 27,4V < V < 27,8V: 30 s V > 27,8V: 4 s
Disconnect voltage	-	-	13,3V < V < 13,2V: 10 s V < 13,2V: immediate	26,6V < V < 26,4V: 10 s V < 26,4V: immediate
Order number	Cyrix-Li-LD12/24-230 Cyrix-Li-LD24/48-230	Cyrix-Li-CH12/24-120 Cyrix-Li-CH24/48-230	Cyrix-Li-Ct12/24-230	Cyrix-Li-CH12/24-230
Price excluding VAT	**R2 278** **R2 278**	**R2 278** **R2 278**	**R2 278**	**R2 278**

Battery Management System 12/200

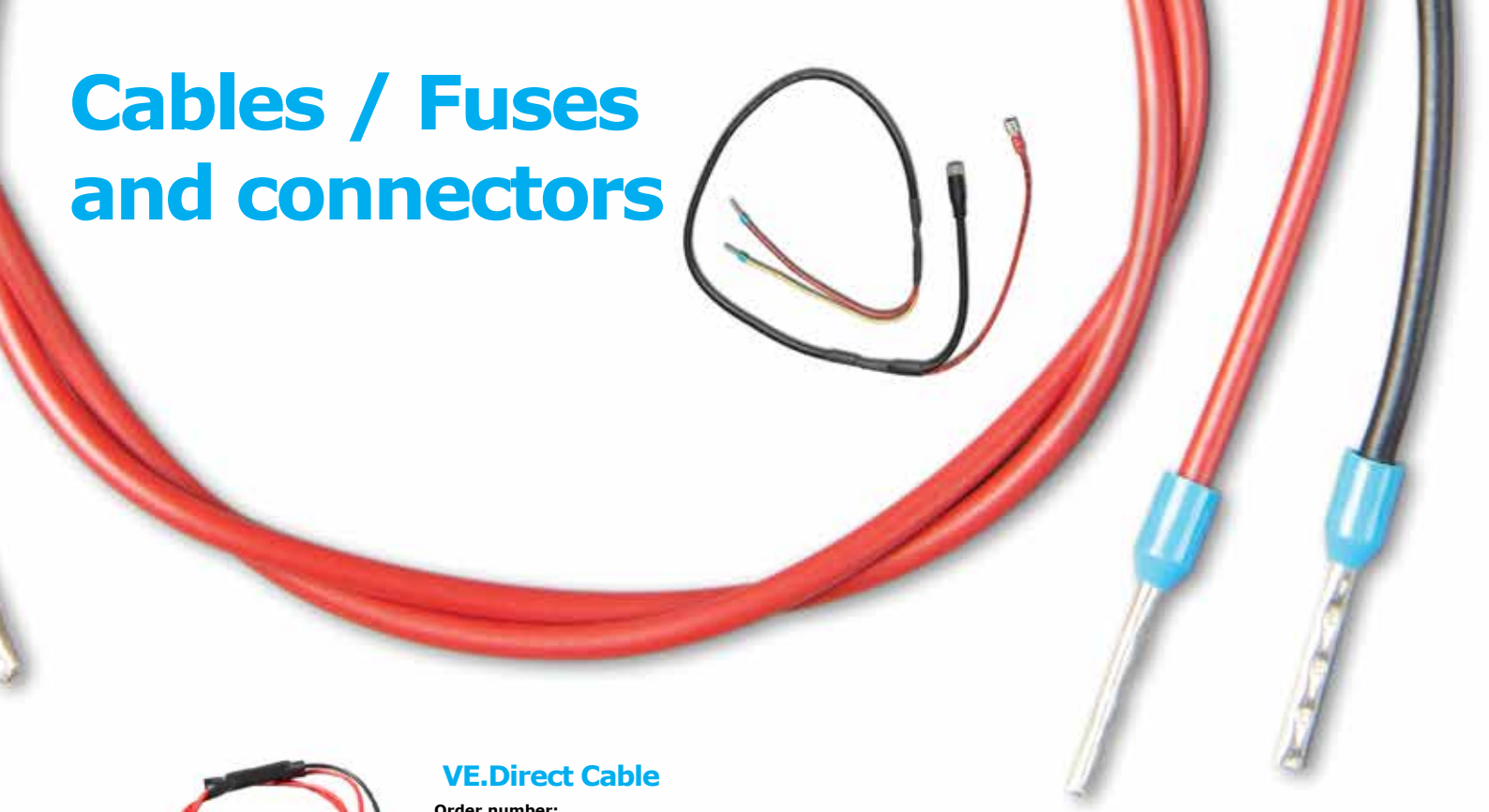
A 12V BMS that protects the alternator (and wiring), and supplies up to 200A in any DC load (including inverters and inverter/chargers).

BMS 12/200 specification	
Maximum number of 12,8V batteries	10
Maximum charge current, Power Port AB	80A @ 40°C
Maximum charge current, Power Port LB	200A @ 40°C
No load current when operating	10mA
Order number	BMS 12/200
Price excluding VAT	-

DIN-Rail adapter

ADA500180100 DIN35 Adapter Large (2 PCS)	R244
ADA500140100 DIN35 Adapter Medium (2 PCS)	R223
ADA500100100 DIN35 Adapter Small (2 PCS)	R203

Cables / Fuses and connectors



VE.Direct Cable

Order number:

VE.DirectCable0.3
VE.DirectCable10RA

Price excluding VAT:

-
R282

VE.Direct Cable

Non inverting remote on-off cable

Order number: VE.DirectNonInvertR

Price excluding VAT: R262

VE.Bus BMS to BMS 12-200 alternator control cable

Order number: VE.BusBMStoBMS

Price excluding VAT: -

Peak Power Pack

The Peak Power Pack is a complete substitute for heavy lead acid batteries in applications where high currents occur for short time. Being primarily meant for caravan movers, it is equipped with a built in charger allowing charging from the car electrical system during the travel with the caravan. This way the pack will be fully charged upon arrival to the camping site. If necessary, the charging is possible using the supplied adapter via a grid outlet. Charging from a solar panel is also possible.

Peak Power Pack	PPP-20	PPP-30	PPP-40
Capacity	20Ah	30Ah	40Ah
Stored energy	256Wh	384Wh	512Wh
Battery type	Lithium-ion (LiFePO4)		
Nominal voltage	12.8V		
Order number	Peak Power Pack 20Ah	Peak Power Pack 30Ah	Peak Power Pack 40Ah
Price excluding VAT	**R5946**	**R8249**	**R10315**

SOLAR CABLES

Solar Cable (4 mm²) with pre-assembled male and female MC4 (PVST01) connectors

Solar Cable (4 mm²)

M8 Connector	Order Code	Price
Length 1 m	Length 1m (4mm)	R138
Length 3 m	Length 3m (4mm)	R213
Length 5 m	Length 5m (4mm)	R301

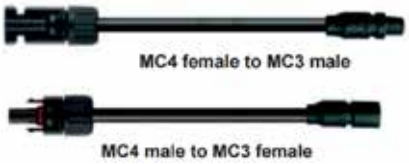
Solar Cable (6 mm²)

M8 Connector	Order Code	Price
Length 1 m	Length 1m (6mm)	R163
Length 3 m	Length 3m (6mm)	R250
Length 5 m	Length 5m (6mm)	R376
Length 10 m	Length 10m (6mm)	R563
Length 20 m	Length 20m (6mm)	R1051

Solar adapter cable MC4 male to MC3 female, length 15 cm

Order number:
Price excluding VAT: R138

Solar adapter cable MC4 female to MC3 male, length 15 cm



Order number:
Price excluding VAT: R138

Solar splitter pair MC4-Y, 1x M-2F / 1x F-2M

Order number: Price on request VAT: R363

Solar connector pair MC4, 1x Male / 1x Female

Order number:
Price excluding VAT: R125

Accessories for the Blue Power IP65 Charger

Accessories for the Blue Power IP65 Charger	Order number	Price excluding VAT
M6 eyelet connector (with 30A ATO fuse)	M6 eyelet connector	R107
M8 eyelet connector (with 30A ATO fuse)	M8 eyelet connector	R107
MagCode Power Clip 12V(max 15A)	MagCode Power Clip	R559
MagCode Power Port 12V(max 15A)	MagCode Power Port	R559
2 meter extension cable	2 Meter ext cable	R131
12 Volt plug (cigarette plug with 16A fuse)	12 Volt Plug	R179
Clamp connector (with 30A ATO fuse)	Clamp connector	R166
Battery indicator panel (M8 eyelet connector/30A ATO)	BatteryIndicatePanel	R298
Battery indicator panel (M8 eyelet / 30A ATO Fuse)	BatteryIndicateyelet	R179
Rubber bumber for IP65 Charger 12/10, 12/15, 24/8	RubberBumber(3)	R95
Rubber bumber for IP65 Charger 12/25, 24/13	RubberBumber(2)	R143
Wall Mount for IP65 Charger 12/10,12/15,24/8	WallM/E IP65(3)	R71
Wall Mount for IP65 Charger 12/25,24/13	WallM/E IP65(2)	R155
Carry case for Blue Smart IP65 Charger and Accessories	Case for BPC	R381
Carry case for Blue Smart IP65 Charger 12/25, 24/13 and Accessories	Case for BPC 2	R570

visit website for full spec and download on the accessories

Current Automation

Fuses

FUSE	PRICE/EACH
MEGA-fuse 60A/32V (package of 1 pcs)	R43
MEGA-fuse 80A/32V (package of 1 pcs)	R43
MEGA-fuse 100A/32V (package of 1 pcs)	R43
MEGA-fuse 125A/32V (package of 1 pcs)	R43
MEGA-fuse 150A/32V (package of 1 pcs)	R43
MEGA-fuse 175A/32V (package of 1 pcs)	R43
MEGA-fuse 200A/32V (package of 1 pcs)	R43
MEGA-fuse 225A/32V (package of 1 pcs)	R43
MEGA-fuse 250A/32V (package of 1 pcs)	R43
MEGA-fuse 300A/32V (package of 1 pcs)	R-
MEGA-fuse 400A/32V (package of 1 pcs)	R43
MEGA-fuse 500A/32V (package of 1 pcs)	R43
MEGA-fuse 125A/58V for 48V products (1 pc)	R413
MEGA-fuse 200A/58V for 48V products (1 pc)	R413
MEGA-fuse 250A/58V for 48V products (1 pc)	R413
MEGA-fuse 300A/58V for 48V products (1 pc)	R413
Fuse holder for MEGA-fuse	R163
Six-way fuse holder for Mega-fuse with busbar(250A)	R388
Modular fuse holder for Mega-fuse	R500
Busbar to connect 5 CIP100200100 (500 A)	R538
Busbar to connect 6 CIP100200100 (1500 A)	R626
ANL-fuse 300A/80V for 48V products (1 pc)	R138
ANL-fuse 400A/80V for 48V products (1 pc)	R88
ANL-fuse 500A/80V for 48V products (1 pc)	R138
Fuse holder for ANL-fuse	R138
Fuse CNN 325A/80V for Lynx shunt	R776
Six-way fuse holder for Mega-fuse with busbar(250A)	R388

Color Control GX

Panels and system monitoring
The Color Control GX is the communication-centre of your installation. It offers at-a-glance live information, and lets you control all products connected to it. Full system control is gained - almost anywhere in the world - by accessing your Color Control GX using our free-to-use Victron Remote Management Portal

Order number: COLOUR CONTROL GX
Price excluding VAT: R6 568

Cerbo GX

Panels and system monitoring
This all-new communication-centre allows you to always have perfect control over your system from wherever you are and maximises its performance. Simply connect through our Victron Remote Management (VRM) portal, or access directly, using the separate GX Touch 50, a MFD or our VictronConnect app thanks to its added Bluetooth capability. This latest addition to the GX-range combines all the best of connectivity, redefining smart power solutions in every way.

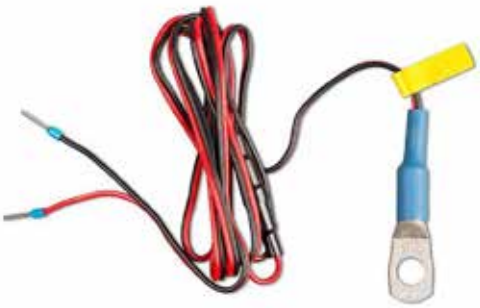
Cerbo GX **R3861** **Price excluding VAT**

GX Touch 50 **R3092** **Price excluding VAT**

The Venus GX is the communication-centre of your installation. Venus allows you to talk to all components in your system and ensure they are working in harmony. Monitoring of live data, and changing settings is performed by using your smartphone (or other device) via our free-to-use Victron Remote Management Portal (VRM).

Venus GX

Order number: VENUS GX
Price excluding VAT: R3 826



Temperature sensor VENUS/ PMP/Quattro

Victron Energy temperature sensor for Venux GX, Phoenix MultiPlus and Quattro

Order number:

Price excluding VAT: R284

CCGX WiFi module simple

Victron Energy CCGX WiFi module simple (Nano USB)

Order number: CCGX WIFI Simple

Price excluding VAT: R313

CCGX WiFi module long range

Victron Energy CCGX WiFi module simple (Nano USB)

Order number: CCGX WIFI L/R

Price excluding VAT: R953

Anti-islanding relay UFR

The UFR1001E monitors voltage and frequency in plants for own generation of electricity.

Order number: Anti-island relayUFR

Price excluding VAT: R11 567

VE.Net

VE.Net GMDSS Panel

Order number: VE.Net GMDSS Panel

Price excluding VAT: R2 604

GlobalLink 520

GlobalLink 520 (incl. 5 year activated simcard)

Price excluding VAT: R3 042

VE.Net Battery Controller (VBC) 12/24/48V

Order number: VE.NetBatCon(VBC)

Price excluding VAT: Price on request

VE.Net Battery Controller 70-350V

Order number: VE.NetBatCon(VBC) VE.NetBatCon(VBC)

Price excluding VAT: Price on request

Shunt 500A/50mV

Order number: Shunt 500A/50mV

Price excluding VAT: R312

Shunt 1000A/50mV

Order number: Shunt 1000A/50mV

Price excluding VAT: R1 040

Shunt 6000A/50mV

Order number: Shunt 6000A/50mV

Price excluding VAT: R2 861

VE.Net Tank Monitor (Resistive)

Order number: VE.Net Tank Mon(Res)

Price excluding VAT: Price on request

VE.Can resistive tank sender adapter

The VE.Can resistive tank sender adapter allows a standard resistive tank level sender to connect to the Color Control GX. It is compatible with both European standard 0-180 Ohm and United States standard 240-30 Ohm tank level senders and is accurate to ±1%. It is easily configurable to resistive senders from fuel, fresh water, waste water, well water, oil and black water (sewage) tanks. It supports up to 16 tanks of each type. The unit is a simple setup with two small rotary switches and it gets its power from the VE.Can network.

Order number: VE.CanResistive T/S

Price excluding VAT: R4647

SmartShunt 500A/50mV IP67 NEW R1983
SmartShunt 1000A/50mV IP67 NEW R2325
SmartShunt 2000A/50mV IP67 NEW R3170

Digital Multi Control 200/200A

Order number: DigitalMultiControl

Price excluding VAT: R1862

Digital Multi Control 200/200A GX

Order number: DigitalMultiConGX

Price excluding VAT: R1648

Charger Switch

Order number: Charger Switch

Price excluding VAT: R561

Phoenix Charger Control

Order number: PhoenixCharControl

Price excluding VAT: R1 051

Phoenix Inverter Control VE.Direct

Order number: PhoenixInvCont VE.D

Price excluding VAT: R290

Skylla-i Control GX

Order number:

Price excluding VAT: -

VE.Direct LoRaWAN

VE.Direct LoRaWAN module. It allows you to connect other Victron equipment, such as your Battery Monitor (BMV); Solar Charger; or Phoenix Inverter, to the Victron Remote Management (VRM Portal) portal. The portal is available to use free of charge, and from it you can view the status of your installation from anywhere in the world using your desktop device or mobile phone.

VE.Direct LoRaWAN EU863-870 module

Order number: VE.Direct LoRaWANMOD

Price excluding VAT: R1 239

VE.Direct LoRaWAN AU902.928 module

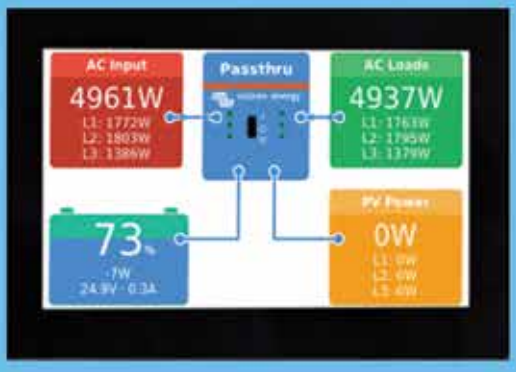
Order number:

Price excluding VAT: R1 239

VE.Direct LoRaWAN US902.928 module

Order number:

Price excluding VAT: R1 239



The CANvu GX is a product in the Victron GX Product Family.

CANvu GX

Order number: **CANvu GX**
CANvu GX IO

Price excluding VAT: -
-

Wall mount enclosure for 65 x 120 mm GX-panels with 90 degr. RJ45 socket only:

- BPA000100000R - Battery Alarm GX
- REC000300000R - Skylla-i Control GX (90º RJ45)
- DMC000200000R - Digital Multi Control 200/200A GX (90º RJ45)

Order number: **Wall M/E GX-Panels**

Price excluding VAT: **R349**

Wall mount enclosure for Color Control GX

Order number: **Wall M/E for C C**

Price excluding VAT: **R471**

Wall mount enclosure for BMV or MPPT Control

Order number: **Wall M/E BMV**

Price excluding VAT: **R325**

Wall mount enclosure for Color Control GX & BMV

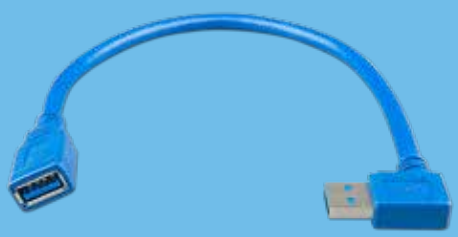
Order number: **Wall M/E CC & BMV**

Price excluding VAT: **R689**

USB extension cable 0.3m one side right angle

Order number: **USB Ext cable 0.3m**

Price excluding VAT: **R101**



DATA CABLES and INTERFACES

Network cables for ESP System and BMV-600 and BMV-700

Cable	Order Number	Price excuding VAT
RJ12 UTP Cable 0,3 m	RJ12 UTP CABLE 0.3M*	R112
RJ12 UTP Cable 0,9 m	RJ12 UTP CABLE 0.9M*	R112
RJ12 UTP Cable 1,8 m	RJ12 UTP CABLE 1.8M*	R73
RJ12 UTP Cable 3 m	RJ12 UTP CABLE 3M*	R150
RJ12 UTP Cable 5 m	RJ12 UTP CABLE 5M*	R177
RJ12 UTP Cable 10 m	RJ12 UTP CABLE 10M*	R363
RJ12 UTP Cable 15 m	RJ12 UTP CABLE 15M*	R438
RJ12 UTP Cable 30 m	RJ12 UTP CABLE 30M*	R576

Network cables for VE.Can, VE.Bus, VE.Net and VE9bitRS485

Cable	Order Number	Price excuding VAT
RJ45 UTP Cable 0,3 m	RJ45UTPCABLE 0.3M**	R112
RJ45 UTP Cable 0,9 m	RJ45UTPCABLE0.9M**	R112
RJ45 UTP Cable 1,8 m	RJ45UTPCABLE1.8M**	R150
RJ45 UTP Cable 3 m	RJ45UTPCABLE3M**	R175
RJ45 UTP Cable 5 m	RJ45UTPCABLE5M**	R225
RJ45 UTP Cable 10 m	RJ45UTPCABLE10M**	R263
RJ45 UTP Cable 15 m	RJ45UTPCABLE15M**	R363
RJ45 UTP Cable 20 m	RJ45UTPCABLE20M**	R438
RJ45 UTP Cable 30 m	RJ45UTPCABLE30M**	R514

VE.Direct cables, use to connect BMV-70x and low power MPPTs to the Color Control GX

Cable	Order Number	Price excuding VAT
VE.Direct Cable 0,3m	VE.DirectCable0.3	-
VE.Direct Cable 0,9m	VE.DirectCable0.9	R192
VE.Direct Cable 1,8m	VE.DirectCable1.8	R192
VE.Direct Cable 3m	VE.DirectCable3	R214
VE.Direct Cable 5m	VE.DirectCable5	R236
VE.Direct Cable 10m	VE.DirectCable10	R282
VE.Direct Cable 0,3m (one side Right Angle conn)	VE.DirectCable0.3RA	R192
VE.Direct Cable 0,9m (one side Right Angle conn)	VE.DirectCable0.9RA	R192
VE.Direct Cable 1,8m (one side Right Angle conn)	VE.DirectCable1.8RA	R192
VE.Direct Cable 3m (one side Right Angle conn)	VE.DirectCable3RA	R214
VE.Direct Cable 5m (one side Right Angle conn)	VE.DirectCable5RA	R236
VE.Direct Cable 10m (one side Right Angle conn)	VE.DirectCable10RA	R282

Current Automation

Maxi GX

Panels and system monitoring

Order number: **Maxi GX**

Price excluding VAT:

The Maxi GX is a member of the GX Product family. The GX-device lies at the heart of the system - providing monitoring, and operating as the communication-centre of your installation.

Compared to the other GX devices, the Maxi GX has most CPU power and most VE.Direct ports: 25. This is the GX device to use for large systems with many VE.Direct MPPT Solar Chargers.

Cables with M8 circular connector (for 12.8V Li-ion batteries)

Cable	Order Number	Price excuding VAT
Male to Female 3 pole 1 m (bag of 2)	Male/Female3pole1m	R464
Male to Female 3 pole 2 m (bag of 2)	Male/Female3pole2m	R487
Male to Female 3 pole 3 m (bag of 2)	Male/Female3pole3m	R523
Male to Female 3 pole 5 m (bag of 2)	Male/Female3pole5m	R595

Interfaces to connect Victron products to your computer

Cable	Order Number	Price excuding VAT
VE.Direct to USB interface	VE.Direct to USB	R388
Interface MK2-USB (VE.Bus to USB)	MK2-USB	R1089
Interface MK3-USB (VE.Bus to USB)	MK3-USB	R963

Interfaces to connect Victron products to NMEA2000

Cable	Order Number	Price excuding VAT
VE.Direct to NMEA2000 interface	VE.DirectNMEA2000	-

GX Touch 50 adapter for CCGX cut-out

Order number: **GX Touch 50 adapter for CCGX cut-out**

Price excluding VAT: **R345**

Interfaces for industrial use / datacommunication

Cable	Order Number	Price excuding VAT
RS232 to USB converter	RS232 to USB	R404
VE.Direct to RS232 interface	VE.Direct to RS232	R381

Interfaces to connect Victron products to each other

Cable	Order Number	Price excuding VAT
VE.Can RJ45 terminator (bag of 2)	VE.Can RJ45 term	R138
VE.Bus to VE.Can interface	VE.Bus to VE.Can	R2 196
Non-InvertRemote on off cable	Non-InvertRemote	R209
VE.Direct non inverting remote on-off cable	VE.DirectNonInvertR	R262
VE.Bus BMS to BMS 12-200 alternator control cable	VE.BusBMStoBMS	-
Skylla-i remote on-off cable	Skylla-i Remote	R333

Miscellaneous	Order Number	Price excuding VAT
VE.Can Power Cable	VE.CanPowerCable	R438
AC Current sensor	AC Current Sensor	R689

VE.Direct Bluetooth Smart dongle

Cable	Order Number	Price excuding VAT
VE.Direct Bluetooth Smart dongle	VE.DirectBluetooth	R557
VE.Bus Smart dongle		R1 315

Ziehl anti-islanding relays

Cable	Order Number	Price excuding VAT
Anti-islanding relay UFR1001E	Anti-island relayUFR	R11 567

GX Touch 50 Wall mount

Cable	Order Number	Price excuding VAT
GX Touch 50 Wall mount	GX TOUCH 50 W/M	R214
GX Tank	GX TANK	R1 380

SHORE CABLES: Shore Power Cords with Shore Power Organiser Bag

Cable	Order Number	Price excuding VAT
Shore Power Cord 15m 16A	ShorePowCord 15M 16A	R2353
Shore Power Cord 25m 16A	ShorePowCord 25m 16A	R3180
Shore Power Cord 15m 25A	ShorePowCord 15M 25A	R3017
Shore Power Cord 25m 32A	ShorePowCord 25m 32A	R5884

Cable	Order Number	Price excuding VAT
Power Inlet 16A polyamid wth cover	Power Inlet 16A poly	R914
Power Inlet 16A stainless steel with cover	Power Inlet 16A	R1327
Power Inlet 32A stainless steel with cover	Power Inlet 32A	R1727
Plug 16A/250Vac (2p/3w) for Power Inlet 16A	PLUG 16A/250VAC	R1051
Plug 32A/250Vac (2p/3w) for Power Inlet 32A	PLUG 32A /250VAC	R1415

Cable	Order Number	Price excuding VAT
Adapter Cord 16A/250V Schuko/CEE	ADAPTCORD16A/250ASCH	R325
Splitter Cord 16A/250V CEE/2xCEE	SPLITCORD16A/250VCEE	R1064
Adapter Cord 16A/250V CEE/Schuko	ADAPTCORD16A/250CEE	R313
Adapter Cord 16A to 32A/250V CEE/CEE	ADAPTCORD16A to 32A	R463
Adapter Cord 32A 3 phase to single phase	ADAPTCORD32A	R638

12V AND 24V INVERTERS: ALTERNATIVE OUTLETS

Outlet	Price
Phoenix 12/250 VE.Direct IEC	R1,355
Phoenix 12/375 VE.Direct IEC	R1,748
Phoenix 12/500 VE.Direct IEC	R2,189
Phoenix 12/800 IEC outlet	R-
Phoenix 12/1200 IEC outlet	R4,699
Phoenix 24/250 VE.Direct IEC	R-
Phoenix 24/375 VE.Direct IEC	R1,573
Phoenix 24/800 IEC outlet	R-
Phoenix 48/250 VE.Direct IEC	R1,357
Phoenix 48/375 VE.Direct IEC	R1,398
Phoenix 48/1200 IEC outlet	R4,229

GX GSM - Modem accessory for Venus-devices

Being an accessory for Venus-devices, the GX GSM is a member of the GX Product family. It is a cellular modem; providing a mobile internet for the system and connection to the VRM Portal.

Order number: GX GSM 900/2100

Price excluding VAT:

Order number: GX GSM 850/1900

Price excluding VAT: -

Modem & GPS accessory for GX devices

GX LTE 4G-E	**Price excluding VAT: R2804**
GX LTE 4G-A	**Price excluding VAT: R2804**
GX LTE 4G-SA	**Price excluding VAT: R2804**

Octo GX

The Octo GX is the communication-centre of your installation. It connects the components together and ensures they are working in harmony. Monitoring of live data, and changing settings is performed by using your smartphone (or other device) via our free-to-use Victron Remote Management Portal, VRM.

The Octo GX is a member of the GX Product family. The Octo GX is the best fit for installations that have many MPPT Solar Chargers, as it has 10 VE.Direct ports.

Order number: Octo GX

Price excluding VAT: on request

Cable	Order Number	Price excuding VAT
Energy meter ET112-1 phase - max 100A	EnergyMeter1Phase	R792
Energy meter ET340 - 3 phase - max 65A/phase	EnergyMeter3Phase	R2465
Energy meter EM24 - 3 phase - max 65A/phase	EnergyMeter3Phase EM	R3181
Energy meter EM24 - 3 phase - max 65A/phase Ethernet	EnergyMeter3PhaseETN	R3911
RS485 to USB interface cable 1,8 m	RS485 to USB 1.8m	R388
RS485 to USB interface cable 5 m	RS485 to USB 5m	R438
Zigbee to RS485 converter	Zigbee to RS485	R1590
Zigbee to USB converter	Zigbee to USB	-

The VRM app

Monitor and manage your Victron Energy system. Login with your VRM account, and see all your sites in a list. Tap a site to see its system diagram, current system status and energy flow.

Contact us

JHB: Tel: 011 462-4253 / Tel: 010 591-1713 , Fax: 011 462-4310
KZN (Durban) : Tel: 031 569-2854, Fax: 031 569-2864
CPT (CapeTown): Tel: 021-300-1727, Fax: 021 300-1728
Mbombela: Tel: 013 004-0012, Fax: 013 004-0011
Tshwane: Tel: 012 763-9300, Fax: 011 462-4310

Terms and Conditions

1. Pricelist replaces and render invalid all previous prices
2. Pricing applies to current exchange rate levels. Fluctuations may result in re-pricing
3. Pricing as indicated is net and excludes VAT
4. The content of this document is monitored in an ongoing manner and updated when necessary. Discrepancies may still arise and are subject to changes and errors. No guarantee is made for the completeness of these document. The information and descriptions are non-binding and are solely for informational purposes.
5. Project specific pricing and larger order quantities available on request
6. Standard payment and delivery terms apply

Current Automation