

PHOENIX 250 - 1200 VA



Inversor Senoidal Phoenix Inverter 12/1200



Inversor 12 voltios Victron Energy Phoenix



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VE.Direct communication port:

The VE.Direct port can be connected to:

- A computer (a VE.Direct to USB interface cable is needed)
- Apple and Android smartphones, tablets, MacBooks, and other devices (a VE.Direct to Bluetooth Smart adapter is needed)

Fully configurable:

- Alarm trigger and reset levels for low battery voltage.
- Disconnect and restart levels for low battery voltage.
- Dynamic disconnection: disconnection level dependent on load
- Output voltage 210 – 245 V
- Frequency 50 Hz or 60 Hz
- On/off for ECO mode and level sensor for ECO mode

Monitoring:

- Input/output voltage and current, % load and alarms www.victronenergy.com

Proven reliability

The full bridge topology plus toroidal transformer has proven its reliability over many years. The inverters are short-circuit proof and protected against overheating, whether due to overload or high ambient temperature.

High starting power

Necessary to start loads such as converters for LED lamps, halogen lamps, or power tools.

ECO mode

In ECO mode, the inverter will go into standby when the load drops below a preset value (minimum load: 15 W). Once in standby, the inverter will activate briefly (adjustable; default: every 2.5 seconds). If the load exceeds the preset level, the inverter will remain on.

Remote on/off switch

A remote On/Off switch can be connected to a two-phase connector or between the battery positive terminal and the left contact of the two-phase connector.

LED Diagnostics

Please refer to the manual for its description.

To transfer the load to another AC source: the automatic transfer switch

For our lower power inverters, we recommend our Filax automatic transfer switch. The switching time of the "Filax" is very short (less than 20 milliseconds), so that computers and other electronic devices will continue to operate without interruption.

SPECIFICATIONS

	12/180 24/180	12/350 24/350 48/350	12/800 24/800 48/800	12/1200 24/1200 48/1200
Especificaciones eléctricas				
Continuous AC power at 25 °C	180 VA	350 VA	800 VA	1200 VA
Continuous Power at 25/40 °C	175 / 150 W	300 / 250 W	700 / 650 W	1000 / 900 W
Peak power	350 W	700 W	1600 W	2400 W
Output voltage	230 Vca ±3% (110 Vca ±3%)			
Output frequency	50 Hz ±0,1 % (60 Hz ±0,1 %)			
Wave form	Sine Wave			
Max. Efficiency 12/24/48 V	87 /88 %	89 / 89 / 90 %	91 / 93 / 94 %	92 / 92 / 94 %
Zero Load Power 12/24/48 V	2,6 / 3,8 W	3,1 / 5,0 / 6,0 W	6 / 6 / 6 W	8 / 9 / 8 W
Input voltage range	10,5 - 11,5 / 21,0 - 31,0 / 42,0 - 62,0 Vdc		9,2 - 17,3 / 18,4 - 34,0 / 36,8 - 68,0 Vdc	
Low battery alarm	11 / 22 / 44 Vdc		10,9 / 21,8 / 43,6 Vdc	
Low battery shut down	10,5 / 21 / 42 Vdc		9,2 / 18,4 / 43,6 Vdc	
Low battery auto recovery	12,5 / 25 / 50 Vdc		12,5 / 25 / 50 Vdc	
Protections	Output short circuit / battery voltage too low			
General specifications				
Operating temperature range	-40 to 50 °C			
Standard AC outlets	Schuko / IEC / Nema			
Battery connection	Cigarette plug	1,5 mts. cable	1,5 mts. cable	1,5 mts. cable
Protection category	IP20	IP20	IP20	IP20
Dimensions	72 x 132 x 200 mm	72 x 155 x 237 mm	104 x 194 x 305 mm	104 x 194 x 305 mm
Weight	2,7 Kgr	3,5 Kgr	6,5 Kgr	8,5 Kgr

DOWNLOADS