

BLUEPOWER IP65

12V 7, 10, 15 Amp - 24V 5/8 Amp



Bornay Victron Energy Cargador de baterías BluePower IP65



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- The highest efficiency ever!
- Seven step smart charge algorithm
- Water resistant
- Automatic compensation for high or low temperature
- Fully discharged "dead" battery recovery function
- Several other battery life enhancing features
- Power supply function
- Li-ion battery mode

Reconditioning

A lead-acid battery that has been insufficiently charged or has been left discharged during days or weeks will deteriorate due to sulfation. If caught in time, sulfation can sometimes be partially reversed by charging the battery with low current up to a higher voltage.

Recovery function for fully discharged batteries

Most reverse polarity protected chargers will not recognize, and therefore not recharge a battery which has been discharged to zero or nearly zero Volts. The Blue Power Charger however will attempt to recharge a fully discharged battery with low current and resume normal charging once sufficient voltage has developed across the battery terminals.

Ultra high efficiency "green" battery charger

With up to 95% 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.

Durable, safe and silent

Storage mode: less corrosion of the positive plates

Li-ion battery mode

The Blue Power Charger uses a specific charging algorithm for Lion (LiFePO) batteries, with automatic Li-ion under voltage protection reset.

SPECIFICATIONS

	12 V 7 / 10 / 15 A	24 V 5 / 8 A
Electrical specifications		
Input voltage range	180 – 265 Vac	180 – 265 Vac
Charge voltage "absorption"	14,4 / 14,6 / 14,2 Vcc	28,8 / 29,2 / 28,4 Vcc
Charge voltage "float"	13,8 / 13,8 / 13,5 Vcc	27,6 / 27,6 / 27,0 Vcc
Charge voltage "storage"	13,2 / 13,2 / 13,5 Vcc	26,4 / 26,4 / 27,0 Vcc
Charge current	7 / 10 / 15 A	5 / 8 A
Minimum battery capacity	24 / 30 / 45 Ah	16 / 24 Ah
Temperature compensation (lead-acid batteries only)	16 mV/°C	32 mV/°C
Protection	Reserter polarirty. Ouput short circuit. Over temperature	
Operating Temperature range	-20 to +50 °C	
Humidity	Max. 95%	
Enclosure		
Battery connection	Black and red cable of 1,5 meter	
230 Vac connection	Cable of 1,5 mts. with CEE plug	
Protection category	IP65	IP 65
Weight	0,9 Kgr.	0,9 Kgr
Dimensions	12/7: 47 x 95 x 190 mm. Resto: 60 x 105 x 190 mm	24/5: 47 x 95 x 190 mm 24/8: 60 x 105 x 190 mm
Standards		
Safety	EN60335-1, EN60335-2-29	
Emission	EN55014-1, EN 61000-6-3, EN 61000-3-2	
Immunity	EN55014-2, EN61000-6-1, EN61000-6-2, EN61000-3-3	
Warranty	5 years	

DOWNLOADS



Catálogo General Bornay 14-15 (10.41 MiB)