

BLUEPOWER IP22



Cargador de baterías Victron Energy BluePower IP22



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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 Power 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 2,2 V/cell (13,2 V for a 12 V 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 (LiFePO₄) batteries

LiFePO₄ 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. 25% 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

Eleven LED's for Status indication

SPECIFICATIONS

	12 / 30 (1) 12 / 30 (3)	24 / 15 (1) 24 / 15 (3)
Nominal output voltage	12 Vdc	12 Vdc
Nominal output current	30 Amp	15 Amp
Charge current, NIGHT or LOW	7,5 Amp	7,5 Amp
Output voltage		
Absorption	14,4 / 14,6 / 14,2 Vdc	28,8 / 29,6 / 28,4 Vdc
Float	13,8 / 13,8 / 13,35 Vdc	27,6 / 27,6 / 26,7 Vdc
Storage	13,2 / 13,8 / - Vdc	26,4 / 26,4 / - Vdc
Number of outputs	1 or 3	1 or 3
Input Voltage AC	180 - 265 Vac / 45 - 65 Hz	180 - 265 Vac / 45 - 65 Hz
Charge characteristics	6-stage adaptative	
Protections	Battery reverse polarity (fuse), Output short circuit, Over temperature	
Operation temperature range	-20 to +60°C	
Humidity (non condensing)	Max. 98 %	
Battery connection	Screw terminals 13 mm ²	
AC Connection	Cable of 1,5 meter with CEE 7/7 plug	
Dimensions	235 x 108 x 65 mm	235 x 108 x 65 mm
Weight	1,3 Kgr	1,3 Kgr
Warranty	2 years	2 years
Standards		
Safety	EN60335-1, EN60335-2-2	
Emissions	EN55014-1, EN61000-6-3, EN61000-3-2	
Immunity	EN55014-2, EN61000-6-1, EN61000-6-2, EN61000-3-3	

DOWNLOADS



Catálogo General
Bornay 14-15
(10.41 MiB)