



TOTAL MARINE SOLUTIONS

Blue Power Battery Charger IP25



CHARACTERISTICS

12v: 7-17A

24v: 3-12A

Completed encapsulated: waterproof, shockproof and ignition protected.

Water, oil or dirt will not damage the Blue Power charger. The casing is made up of cast aluminium and the electronics are moulded in resin.

Protected against overheating.

Can be used in a hot environment such as a machine room. Output current will reduce as temperature increases up to 60°C, but the Blue Power charger will not fail. Green LED: float charge, the battery is charged.



Automatic three charging.

Once the absorption voltage has been reached, the Blue Power charger will switch to float charge after the charge current has reduced to a low break point, or after 2 hours absorption period. The battery is therefore effectively protected against overcharging and can remain permanently connected to the charger. The charger will automatically reset and start a new charge cycle after interruption of the AC supply.

Two LED 's for status indication

Yellow LED: battery being charged

Green LED: float charge, the battery is charged.



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A R PEACHMENT



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Blue Power Charger IP20	12/7	12/17	24/3	24/12
Input Voltage Range (V AC)	200-265			
Frequency (Hz)	45-65			
Charge voltage ' absorption ' (V)	14.4		28.8	
Charge voltage ' float ' (V)	13.7		27.8	
Charge current (A)	7	17	3	12
Charge Characteristic	3-stage with max. 20 hours absorption time			
Minimum battery capacity (Ah)	15	35	6	24
Breakpoint current (A)	0.7	1.7	0.3	1.2
Can be used as power supply	Yes			
Protection	Battery reverse polarity (fuse in battery cable)			
Operating Range	-20 to 60°C Humidity: Max 100%			
ENCLOSURE				
Material & Colour	Aluminium (blue RAL 5012)			
Battery-Connection	Black and red cable of 1.5 metres			
230 V AC-connection	Cable of 1.5 metre with Europe class 1 plug (CE certified)			
Protection category	IP65			
Weight (kg)	1.1	1.4	1.1	1.4
Dimensions (h x w x d in mm)	43x80x155	47x99x193	43x80x155	47x99x193
STANDARDS				
Safety	EN 60335-1, EN60335-2-29			
Emission	EN 55014-1, EN61000-3-2			
Immunity	EN 55014-2, EN61000-3-3			



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