

Datasheet

Empo-ni 5-40W



Operation conditions of integrated battery charger / controller 12V- 5W up to 40W:

Characteristics	12V-5W	12V-15W	12V-25W	12-40W
Battery voltage:	10,5V ... 14,4V	dito	dito	dito
Temperature range:	-20°C ... +85°C	dito	dito	dito
Recommended fuse:	1Ampere	ca. 2,5 Ampere	ca. 2,5 Ampere	ca. 4 Ampere
Protection class:	IP65	dito	dito	dito
Maximum charge current :	0,29A	0,86A	1,45A	ca. 2,3A
Integrated over charge protection	✓	✓	✓	✓

Parallel connection with other units possible.

Specifications solar panels 12V- 5W up to 40 Watt

Rated power	5Watt	15Watt	25Watt	40Watt
Solar panel:	monokristallin	polykristallin	monokristallin	polykristallin
Short Circuit Current (Isc):	0,35A	0,98A	1,78A	2,68A
Aluminum profile				
Cable length:	2 x ca 50cm GZX connector water-proof with double rubber sealing			
Dimensions in mm	250x236x23	465x250x20	434x552 x23	646 x460 x25
Weight:	ca 1 kg	ca 1,54kg	ca 3,5 kg	ca 3,8 kg

Stable surface, soil-repellant.

The aluminium profile employs mounting holes at the back side of the frame.