

MPPT SOLAR CHARGE CONTROLLER

Technical Data

System Voltage	12V/24V		
PV Max Input Voltage	75V at minimum operating environment temperature 70V at 25°C environment temperature		
MPP voltage range	(V _{bat} +2V)~65V		
PV Max Input Power	12V 190W 24V 380W	12V 260W 24V 520W	12V 390W 24V 780W
Self-consumption	≤23mA		
Max Charging current	15A	20A	30A
Max Discharging current	15A	20A	30A
USB output	DC 5V/2A		
LVD	11.0V ADJ 9V...12V ; ×2/24V		
LVR	12.6V ADJ 11V...13.5V ; ×2/24V		
Float Voltage	13.8V ADJ 13V...15V ; ×2/24V		
Boost Voltage	14.4V ; ×2/24V battery voltage less than 12.6v restart boost 2hours		
Battery Over Voltage Protection	16.5V ; ×2/24V		
Reverse Connection Protection	Yes		
Load Over Current Protection	Yes, each 30s auto restart again		
Controller Over Temperature Protection	Yes		
Charging Type	MPPT		
Temperature Compensation	-24 mV /°C for 12Vsystem ; ×2/24V ;		
Working Temperature	-20°C--- +50°C		
Terminals scale	10mm ²	10mm ²	16mm ²
Waterproof grade	IP32		
Size	165mm×123mm×46mm	195mm×123mm×46mm	205mm×157mm×53mm
New weight	0.63KG	0.82KG	1.2KG

* Please under rated power using under high temperature environment.

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