

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.

Version number : 201701