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12V/24V 10A/15A/20A Solar Charge Controller

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Main Features

1. Automatic Identification System Voltage, 12V 24V auto recognition
2. Humanized LCD displaying and double button operation of man-machine interface
3. Completed technical data for setup and modify
4. High Efficiency intelligent PWM 3 stage charging
5. The load control mode can be selected, the timer function can be reset for street light at night
6. Reliable over voltage, short circuit, over load, overcharge, over-discharge protection
7. Accurate temperature compensation, correcting the charging and discharging voltage automatically, improving the battery lifetime
8. Roundly reverse connected protection.
9. Solar Panels, Battery, Solar Charge Controller positive poles are all connected together, adopting negative MOSFET in series control circuit

SPECIFICATION	MODEL	10A/15A/20A
System Voltage		12V/24V/48V
Max. Input Voltage of solar panel		55V
Self-consumption		≤12mA
Max. charge current		10A/15A/20A
Max. discharge current		10A/15A/20A
LVD		11.0V ADJ9V....12V;*2/24V
LVR		12.6V ADJ11V....13.5V;*2/24V
Float Voltage		13.8V ADJ13V....15V;*2/24V
Boost charging		14.4V;*2/24V Battery Voltage less than 12Vstart boost charging 2 hours
Battery Over Voltage Protection		16.5V;*2/24V
Reverse Connection Protection		Yes
Load Over Current Protection		Yes,each two minutes restart once
Charge Type		PWM
Temperature Compensation		_24mV/°C for 12V system; *2/24V
Working Temperature		_20°C...+55°C
Terminal Scale		28---10 AWG 16m
Waterproof grade		IP32
Size		168*92*41.5mm ³
Net weight		320g

Products Photos

