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12V/24V 40A/50A/60A Solar Charge Controller

48V 40A/50A/60A 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	
	40A/50A/60A	
System Voltage	12V/24V	48V
Max. Input Voltage of solar panel	55V	100V
Self-consumption	≤10mA	≤12mA
Max. charge current	20A/30A/40A	
Max. discharge current	20A/30A/40A	
LVD	11.0V ADJ9V....12V;*2/24V;*4/48V	
LVR	12.6V ADJ11V....13.5V;*2/24V;*4/48V	
Float Voltage	13.8V ADJ13V....15V;*2/24V;*4/48V	
Boost charging	14.4V;*2/24V;*4/48V Battery Voltage less than 12Vstart boost charging 2 hours	
Battery Over Voltage Protection	16.5V;*2/24V;*4/48V	
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;*4/48V	
Working Temperature	_20°C...+55°C	
Terminal Scale	14---6 AWG 16mm	
Waterproof grade	IP32	
Size	200.1*127*55.3mm ³	
Net weight	690g	

Products Photos

