

## China factory 12V/24V/48V Automatic MPPT solar charge controller 60a

### Introduction



#### Core properties of mppt charger controller

1. Conversion efficiency 95%-99%, take most from solar panels
2. Charge for all kinds of batteries, 3 charge stage to protect battery.
3. Data monitor and set. Parameters from solar panels like charge current/voltage and IP gate address, total generation power, etc can be showed. 4 kinds DC load control.
4. Lan commucation and RS232 port.
5. Software to monitor 100pcs equipments at the same time on one screen on a computer.

#### Features of mppt charger controller

1. MPPT charge mode,conversion efficiency upto 99%
2. 12V/24V/48V system auto recognize;
3. Wide range of PV input with max. is DC150V .
4. Unlimited parallel connection
5. Journal function , Save function set ,Date ,time ,Generating capacity and so on .
- 6.Charge mode: three stages (fast charge ,constant charge ,floating charge) .It prolongs service life of the batteries .
- 7.Discharge mode: ON/OFF mode, double time control mode,PV voltage control mode ,PV voltage+time delay mode and so on .
- 8.Recommended battery types: sealed lead acid, vented, gel, NiCd battery. Other types of the batteries can also be defined.
- 9.Most information could be provide by LCD and LED like: model no.,PV input voltage,battery type,battery voltage,charging current,charging power,working status and so on. Also customer's information like company name,website and logo can be added into Solar Eagle software.
- 10.RS232 and LAN communication port. IP and Gate address could be user define it satisfy global area.And communication protocol can be provided to help customer manage all information .
- 11.The upper computer software is displayed in 11 languages, it could show work status and set parameters of the discharge system.
- 12.With intelligent design,the device can be upgraded online lifelong.
- 13.Adopting the well-known brand components,the devices can suffer the temperature not less than 105°C.The service life is designed to use for 10 years in theory.
- 14.Compliance with the 2002/95/EC environment protecting demand, doesn't include the Cadmium, hydride and fluoride etc material
- 15.Equipment integrity: controller + CD-ROM(microcomputer software) + communication wire + temperature sensing wire+Anderson terminals;
- 16.CE,ROHS certifications approved.

#### Parameter of mppt charger controller



Note: OEM and ODM service are provided. The 36V/72V/96V model also can be custom made for you.

#### Product Parts



#### Upper Computer Software and Test Software



## MPPT Connection



## R&D and Quality Control

R&D <http://www.solarcontroller-inverter.com/about-us/mppt-controller-factory.html>

Quality Control <http://www.solarcontroller-inverter.com/quality.html>

## Service and Contact

### 1. Warranty

1.1 Two years warranty, lifelong technical assistance.

### 2. Conditions and Terms

2.1 The warranty starts from the delivery date from our factory.

2.2 During the warranty, any defective product will get repaired or replaced for free.

2.3 The warranty is unavailable for those products which are broken by the violence or the carelessness or

repaired or altered without the authorization.

### 3. Lead Time

3.1 Sample orders: 2-5 working days.

3.2 Mass orders: 25 working days at most.

### 4. Shipment

4.1 Samples By EMS,DHL,FedEx or other express.

4.2 Mass orders by our forwarding agent(by air or by sea).

4.3 Mass orders by your own forwarding agent.