



MPPT Solar Charge Controller 12V/24V/48V/Auto 30A 40A 50A 60A 80A 100A with LCD Display

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Golden Electric /OEM
- Certification: ISO 9001, ISO 9000, ISO 14001, ISO 14000, ISO 20000, OHSAS/ OHSMS 18001, IATF16949
- Minimum Order Quantity: 1
- Packaging Details: Carton/Pallet
- Delivery Time: Peak Season Lead Time: more than 12 months
Off Season Lead Time: within 15 workdays
- Payment Terms: LC, T/T, PayPal, Western Union
- Supply Ability: 5000/Month



Product Specification

- Model NO.: MPK Series
- Current: 30A/40A/50A/60A/80A/100A
- Package: 8PCS/CTN
- Package Carton Size: 590mm*480mm*300mm
- Package Carton Weight: 23kg
- Product Name: Solar Charge Controller
- Charging Mode: MPPT
- Product Weight: 2.8kg
- Voltage: 12V/24V/48V/Auto
- Transport Package: Standard Export Carton
- Specification: 135mmx95mmx29mm
- Trademark: Golden Or Natural, Or Customer Brand
- Origin: China
- HS Code: 8504403090
- Supply Ability: 20000PCS/Month



More Images



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Product Description

Product Description

The solar charge controller is a multi-level maximum power point tracking (MPPT) photovoltaic battery charge controller with its own technology. Compared with the PWM controller, the MPPT can improve the control accuracy and the output power of the solar panel can be increased by 5% - 30%.

Product Parameters

Model	MPK40		MPK60		MPK80	MPK100
Input						
Maximum PV open circuit voltage	150V (at the lowest temperature),138V (at a standard temperature of 25°C)					
Minimum PV voltage	20V/40V/60V/80V					
Rated Charge Current	30A	40A	50A	60A	80A	100A
Output						
System Voltage	12V/24V/36V/48V/Auto					
Rated Discharge Current	15A	20A	25A	30A	40A	50A
Own consumption	≤35mA (48V)					
Mppt highest accuracy	99%					
Maximum charging efficiency	97%					
Charging control mode	Multi-stage (MPPT,Absorption,Float,Equalization,CV)					
Float charge	13.8V/27.6V/41.4V/55.2V					
Absorption Charge	14.4V/28.8V/43.2V/57.6V					
Equalization charge	14.6V/29.2V/43.8V/58.4V					
Load disconnection(LVD)	10.8V/21.6V/32.4V/43.2V					
Load reconnection(LVR)	12.6V/25.2V/37.8V/50.4V					
Load Control mode	Normal,light control,light and timing control,timing control,reverse light control					
Light control point voltage	5V/10V/15V/20V					
Battery type	GEL,SLD,FLD and USER(default),Lithium batteries customization 3series 3.7V,4series 3.7V,5series 3.2V					
Other						
Human interface	Color LCD with backlight, 3 buttons					
Cooling mode	AL alloy heat sink and cooling fan					
Wiring	≤25mm² / High current copper terminal ≤25mm²(3AWG)					
Temperature probe	line length 3 meters					
Communication mode	RS485,RJ45 port					
Working temperature range	-20~+55°C					
Storage temperature range	-30~+80°C					
Humidity	10%~90% No condensation					
Note: Please operate at the ambient temperature allowed by the controller. If the ambient temperature exceeds the allowable range of the controller, please derate it.						

Detailed Photos



Protections
 Parameters adjustable
 Battery type
 RS485/RJ45 port(Optional)
 Temperature compensation

Packing

Model	MPK40	MPK60	MPK80
Product Size	220x200x83mm	265x220x88mm	340x240x108mm
Mounting hole spacing	186*126mm- ø5	208*170mm-ø5	225*245mm-ø5
N.W	2.5kg	3.0kg	4.0kg
G.W	2.8kg	3.5kg	4.5kg
Set/Carton	8pcs	4pcs	4pcs
Weight/Carton	23kg	15kg	18.5kg
Measurement	590x480x300mm	510x340x320mm	565x435x375mm
Volume/Carton	0.08CBM	0.06CBM	0.09CBM

Recommand Product



Company Profile

- Golden Electric Co.,Ltd ,was foundad in 2007, we are professional for make **AC and DC electric items** such as cable gland, isolator switch , fuse , breaker , distribution box , PV combiner box ,surge protector, Indicator lamp,Solar Charge Controller,Industrial plug and socket,Wind Turbine, Solar product and so on.

- Golden has been granted ISO9001 management system certifications. The comprehensive product line has more than 1000 models which have been approved by TUV,CE,CQC,SGS,ROHS,SASO. The productsells well to UK, Spain, Portugal, Singapore, Turkey, Russia, Korea, South Africa... more than 60 countries and regions.

- Golden is always striving hard to provide the best services and competitive price to all customers.

FAQ

1)Q:How can i trust your company?

A:Golden electric is The top 10 manufacture in China - more than 350 Agents in local market and more than 100 foreign clients make OEM,ODM order from us,Golden electric is a big company, we have cooperation with LS, EKF the world-class companies. Our company over 100 employees, products pass CE,IEC,TUV,SAA, RCM, ROHS certificates.

2) Q:Your products?

A: Golden electric is factory for Automatic transfer switch, Surge protector device, distribution box Enclosure, inverter, DC fuse etc. Providing customers very competitive sources, and can be your sourcing agent in China. Goods are following international standards, IE, CE, ISO9001 ,SGS etc.

3) Q: Do you have forwarder?

A: Yes, we have good forwarder cooperated over 10 years, they help us import and export . For small package orders, suggest to use by Express.

4) Q: Your address ?

A: Locates in Guangzhou province, China, welcome to visit us

5) Q:What's the Solar Charge Controller guarantee?

A: 1 years warranty. If customer's problem, then customer burden. If our problem, then we send new goods to customer to replace asap.

6) Q:What's about MOQ? Delivery time ?

A: 1pcs for Solar charge controller. Normally less than 100PCS with stock, quick support.

7) Q: What's the payment term?

A: Normally 100% T/T in advanced payment. If big order then about 50% advanced payment, balance before shipment. PAYPAL, WESTERN UNION, CASH for small order .

8) Q:What's your contact information ?

Send us your inquiry !we will reply you in 24 hours !



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