



## 12V/24V 10A/20A/30A/40A/50A/60A PWM Solar Charger Controller with Solar Energy System

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

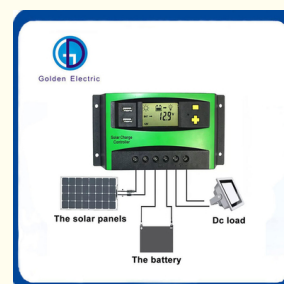


### Product Specification

- Model NO.: ST Series
- Current: 10A/20A/30A/40A/50A/60A
- USB Output: 5V/2A Max
- USB: 2 USB
- Package: 50PCS/CTN
- Package Carton Size: 495mm\*380mm\*270mm
- Package Carton Weight: 14.6kg
- Product Name: Solar Charge Controller
- Charging Mode: PWM
- Transport Package: Standard Export Carton
- Trademark: Golden Or Natural, Or Customer Brand
- Origin: China
- HS Code: 8504403090
- Supply Ability: 20000PCS/Month
- After-sales Service: Best After-Sales Service



### More Images



for more products please visit us on [chinagoldene.com](http://chinagoldene.com)

## Product Description

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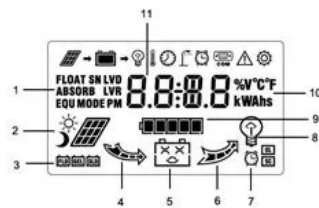
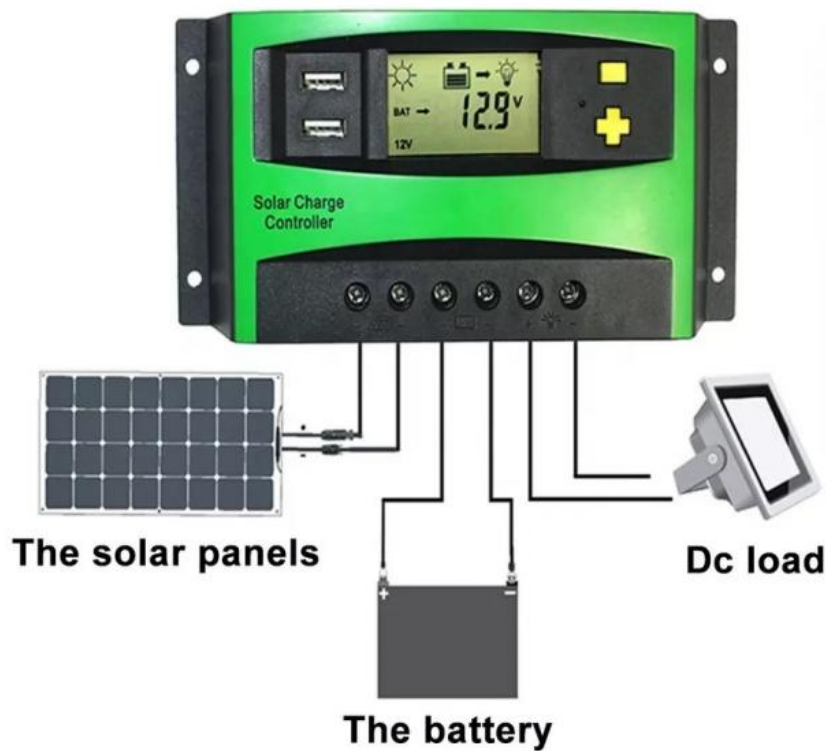
- \* **PWM** solar charge controller **12/24V40/50/60A** , **48VDC 40/50/60A**
- \* **40A** with **2** USB charger, Else None
- \* **LED** display generated energy, fault code and battery,PV,Load,charge,discharge details
- \* Bigger terminal , more **safety** and **easy** to installation
- \* **Selectable** Battery type,**4 stage Charge**,adjustable charge parameter
- \* Temperature compensation Charge and clock function
- \* Load working mode ,Normal,**Light** Control,**Light and Double time** control
- \* **Protection** for over charge, over discharge,overload, and short circuit,reverse polarity
- \* Preset charging parameters for **three battery types**
- \* Communication with computer by **RJ45** option

## Product Parameters

ITEM	MODEL	ST2024	ST3024	ST4024	ST6024	ST6048
Rated charge current		10A,20A,30A	20A,30A,40A	30A,40A	50A,60A	50A,60A
Rated load current		10A,20A,30A	20A,30A,40A	30A,40A	50A,60A	50A,60A
System voltage		12/24V AUTO work				
Over Load		≥120%, 60s;≥150%,10s,≥180%,0.2s				
Short circuit		Yes				
Over voltage		16V for 12VDC,32V for 24VDC,64V for 48VDC				
Low Voltage Disconnection (LVD)		10.8V for 12VDC, 21.6V for 24VDC,43.2V for 48VDC				
Protection Low Voltage Reconnection (LVR)		12.6V for 12VDC,25.2V for 24VDC,50.4V for 48VDC				
Reverse polarity		protection for solar panel ,battery and DC load.				

Reverse current	Yes.at night					
Static current	≤13mA					
Loop Voltage Drop	Charge / Discharge	≤0.17V / ≤0.10V	≤0.17V / ≤0.10V	≤0.17V / ≤0.10V	≤0.28V /≤0.10V	≤0.28V /≤0.10V
Charging voltage	absorption charging	14.4V for 12VDC,28.8V for 24VDC,57.6V for 48VDC				
	Float charge	13.8V for 12VDC,27.6V for 24VDC,55.2V for 48VDC				
Open Circuit Voltage of solar panel	12VDC/24V ≤50V;48V ≤100V					
Temperature compensation	-4mV/Cell/°C					
Charging control mode	PWM Multi-stage(bulk, absorption,float)					
Load Working Mode	regular mode, Light Control Mode , Light and Time control mode for selection					
LCD Display	LCD for Bat type,VDC,PV output VDC,Amp and Accumulative charge AH.Load Amp and Accumulative discharge AH,Battery charge and discharge value. Controller internal Temp,fault code and S/N. load Time and light control status					
USB Charge	YES	YES	YES	NO	NO	
Running temperature	-20 ~ +55 °C					
Storage temperature	-30 ~ +80 °C					
Humidity requirements	10% -90%, no condensation					
Installation cable area	≤25mm2					
Protection class	IP30					
Case material	ABS					
Carton size(mm)	495*380*270mm	415*355*260mm		435*365*275mm		
Carton weight(kg)	14.6KG/50PCS	14.7KG/40PCS	16.3KG /40PCS	17.4KG /24PCS	17.4KG /24PCS	

Detailed Photos



1.LVR..ABSORB..LVD..FLOAT..P(PM)

2. Day and night

3.Battery type: FLD..GEL..SLD Null means Usr

4.Charging

5.Error

6.Discharging

7.Time

8.Load state

9.Capacity

10.Unit

11.Data display area



## 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 swithc,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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