



High Power Solar Charge Controllers For Industrial And Commercial Energy Storage

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: GFS
- Model Number: SCPI
- Minimum Order Quantity: 10 units
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



Product Specification

- Rated Charge Current: 50A To 150A
- Maximum PV Open Circuit Voltage: Up To DC800V
- PV Maximum Power: 28,800W
- Operating Temperature: -15°C To 50°C
- Protection Grade: IP20 (Indoor)
- Cooling Method: Forced Air Cooling
- Highlight: **Solar Charge Controllers,
Industrial Charge Controllers,
150A solar power control**

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Product Description

High-Power Solar Charge Controllers for Industrial and Commercial Energy Storage

Product Description

This advanced solar charge controller is designed for high-efficiency solar energy systems, compatible with lead-acid and gel batteries. It supports a wide range of battery pack voltages, from DC96V to DC576V, making it ideal for various solar applications. With a maximum PV input power of up to 28,800W and multi-channel input capabilities, it ensures optimal power management and energy harvesting. The controller features comprehensive protection systems including automatic stop charging, reverse polarity protection, and over-current protection. An integrated LCD display provides real-time information on PV panel voltage, battery status, charging current, and temperature, ensuring easy monitoring and management.

Matching Battery Pack Voltage		DC96V/DC192V/DC384V/DC492V		DC576V
Applicable battery type		lead-acid battery/Gel battery		
Rated Charge Current	50A	100A	150A	100A
PV Open Circuit Voltage	Max DC150V/Max DC300V/Max DC600V/Max DC750V			Max DC800V
PV Max Power (Total)	4800W/9600W/19200W/24600W ea		ch way	28800W
Number of PV panel input channels	1way	1way	2way	1way
Battery fully charged voltage	DC110V/DC220V/DC440V/DC565V			DC663V
Voltage drop between PV panel and battery	1.5V			
Maximum self power consumption	5W			
Operating Temperature	-15℃—50℃			
Relative Humidity	<90%(no condensation)			
Altitude	<3000m(If the altitude exceeds 3000 meters,the rated current needs to be reduced for use)			
Noise(1m)	<40dB			
Protection Grade	IP20(Indoor)			
Cooling Method	Forced air coding			
Show contents	Pv panel voltage,battery voltage,charging current,power device temperature			
Display	LCD			
Function	Automatically stop charging,automatically resume charging over current protection and over temperature protection		,polarity reverse connection protection,	
Reference Size(mm)	500*410*260	650*520*260		650*520*260
Weight(KG)	21	34		34
Package size(mm)	550*450*300	700*570*300		700*570*300
Note:can be customized according to customer requirements				

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Application

This solar charge controller is suitable for large-scale solar installations, including industrial and commercial energy storage systems. Its high compatibility with multiple battery types and PV configurations makes it an ideal choice for hybrid solar power systems. The advanced protection features and high-efficiency design allow for reliable operation even in extreme environments. This product is especially beneficial in projects requiring high power output and long-term energy storage solutions.

Shipping Methods

Supports global air and sea shipping.



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