



1000V 4 Channel Steel Solar PV Combiner Box Plastic Solar Panel String Box

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

- Shell Material: Plastic
- Shell Protection Grade: IP66
- Brand: Golden Electric /OEM
- Maximum DC Voltage Input: DC 1000V
- Nominal Discharge Current: 20ka
- Rated Voltage: DC550V / DV1000V
- Material: PC/ABS
- Product Name: Plastic PV Combiner Box
- Installation Method: Wall Mounting Type
- Maximum Discharge Current: 40ka
- Voltage Protection Level: 3.8kv
- Number Of Output Strings: 1
- Structure Characteristic: Plug-Push Module
- Transport Package: Export Standard Packing



More Images



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Product Description

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GD-PV4/1 PV combiner box bus synthetic DC input of 4 PV components to 1 output. Each channel is with a fuse. Output side is equipped with lightning protection and circuit breaker. It greatly simplify input wiring of DC power distribution cabinet and inverter. Realize lightning protection, short circuit protection and grounding protection. PV combiner box divided into two types: intelligent box and non-intelligent box. Intelligent PV combiner box is equipped with monitoring unit, then detect input current of each string, detect inside temperature, detect lightning protection status, detect circuit breaker status and summarize output voltage and so on.

Design and configuration strictly accordance with the "Technical specification for photo-voltaic junction equipment" CGC/GF 037:2014.

IP65 protection grade. Provide users with a safe, brief, beautiful and applicable photo-voltaic system products.

The product adopts outdoor wall mounted type, which adapt to the harsh environment. In addition to the core components, the other can be customized by users requirements.

Product Parameters

Name	GD-PV4/1	
	Electric parameter	
System maximum dc voltage	550	1000
Maximum input current for each string	15A	
Maximum input strings	1	
Maximum output switch current	20A/32A	
Number of inverter MPPT	1	
Number of Output strings	1	
	Lightning protection	
Category of test	II grade protection	
Nominal discharge current	20kA	
Maximum discharge current	40kA	
Voltage protection level	2.8kV	3.8kV

Maximum continuous operating voltage Uc	630V	1050V
Poles	2P	3P
Structure characteristic	Plug-push module System	
Protection grade	IP65	
Output switch	DC isolation switch(standard)/ DC circuit breaker(optional)	
Waterproof Connectors	Standard	
PV dc fuse	Standard	
PV surge protrector	Standard	
Monitoring module	optional	
Preventing diode	optional	
Box material	PVC	
Installation method	Wall mounting type	
Operating Temperature	-25°C~+55°C	
Elevation of temperature	2km	
Permissible relative humidity	0-95%,no condensation	

◆High reliability

With DC FUSE

With DC Surge Protection Device

With DC circuit breaker or DC load isolation switch.

◆Strong adaptability

IP65 design,waterproof,anti dust and anti ularaviolet.

Strict test for high and low temperature,used widely/

The simple installation, the simplified system wiring, the convenient wiring.

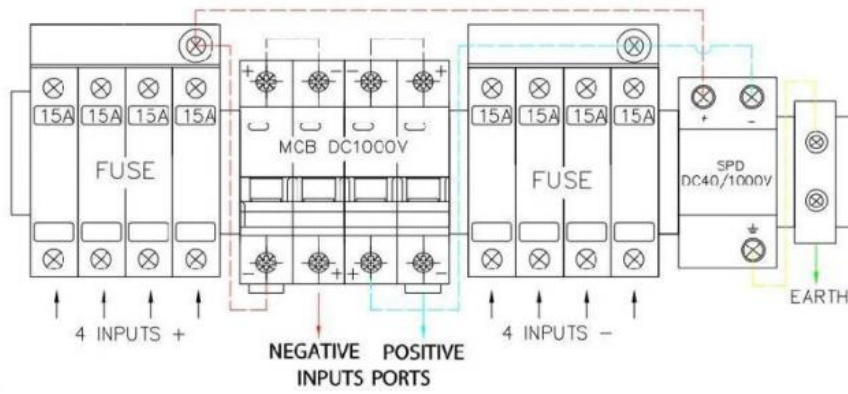
The box body is made of cold rolled steel and other metal materials.

◆Flexible configuration

Used for single crystal silicon solar modules, polycrystalline silicon solar modules, thin film solar modules. Current rating of the photovoltaic fuse, cicuit breaker, load isolation switch is modified.

Drawings

4 INPUTS PV COMBINER BOX WIRE DIAGRAM



Packaging & Shipping



Provide you with many options



Other Hot-Selling Products



Company Profile

- Golden Electric Co.,Ltd ,was foundad in 2017, we are professional for make **AC and DC electric items** such as cable gland, isolator switch , fuse , circuit breaker , distribution box , PV combiner box ,surge protector, Industrial plug and socket,Solar product etc.

- 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 Junction Box,Isolator Switch,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: After Sales Service?

A: We will provide the best After-sales Service

4) 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.

5) Q: Your address ?

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

Any more query please contact with us, thank you!



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