



Plastic DC Solar PV Combiner Box 550V 4input 1output PV Box With Monitoring

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 Protection Grade: IP65
- Brand: Golden Electric /OEM
- Strings: 4
- Maximum DC Voltage Input: DC 1000V
- Maximum Fuse Per Strings: 16A
- Nominal Discharge Current: 20ka
- Maximum Discharge Current: 40ka
- Rated Voltage: DC550V / DV1000V
- Model No.: Gd PV4/1
- Transport Package: Export Standard Packing
- Specification: 1/2/3/4/5/6 Strings.
- Trademark: Golden Or Natural, Or Customer Brand
- Origin: China
- HS Code: 8537109090



More Images



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Product Description

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GD-PV4/1 combiner box is suitable for inverter (MAX input voltage DC550V/DC1000V, 2PV input channel, 1 output channel, single MPPT inverter). Box body is made of PVC engineering materials, with test for fire retardant, Temperature rise, anti impact, anti ultraviolet, and other testing. IP65 protection grade.

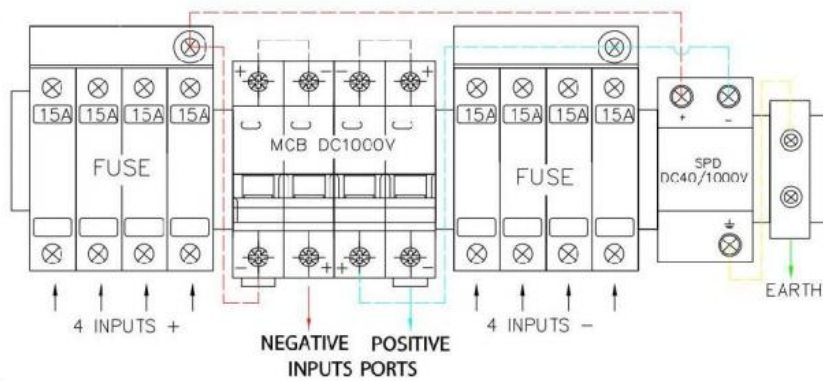
Design and configuration strictly accordance with the "Technical specification for photo-voltaic junction equipment" CGC/GF 037:2014.

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

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 protector	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	

4 INPUTS PV COMBINER BOX WIRE DIAGRAM



◆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, circuit breaker, load isolation switch is modified.

Product Features

1. In the solar power system, in order to decrease the connecting line, easy maintenance, reduce losses, optimize system structure, improving the safety and reliability of items, the PV combiner box is usually in need between the solar panels and inverter.
2. Except the PV junction function, the pc combiner box should also have reverse current prevention, over-current protection, over-voltage protection, lightning protection etc a series of perfect protection functions, meanwhile, checking the running state, current, voltage and power after junction, arrester state, collection of DC circuit breaker state and Arc detection, leakage, detection (optional) and so on.
3. The PV combiner box we manufacture is equipped with all the functions mentioned above, configuration with on grid/off grid solar inverter to make up a complete set of solar power system.
4. When choose the pv combiner box, based on the input dc voltage range and output power of inverter, certain qty of panels will be connected in series as a string, certain strings in parallel will connect to the PV combiner box for junction, via control of circuit breaker and protection of arrester, then feed to the inverter.

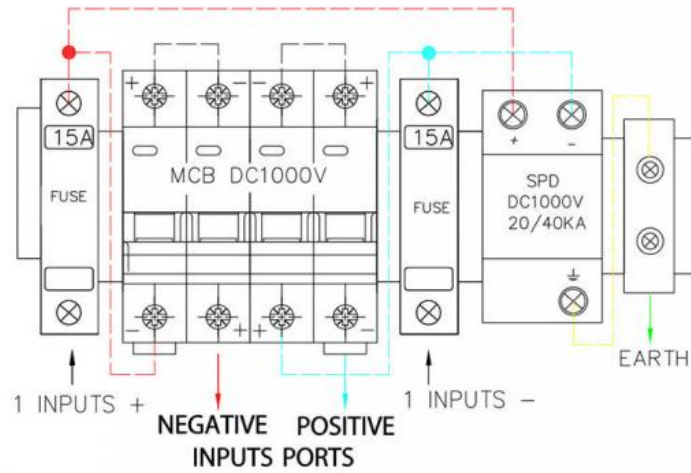
Packing



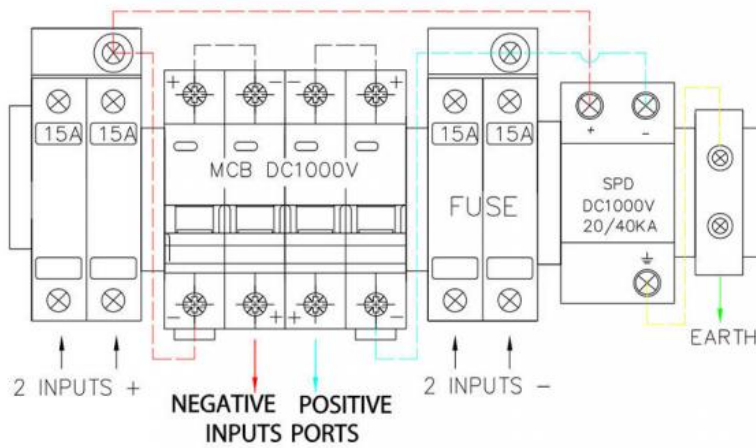
Product Details

Drawing

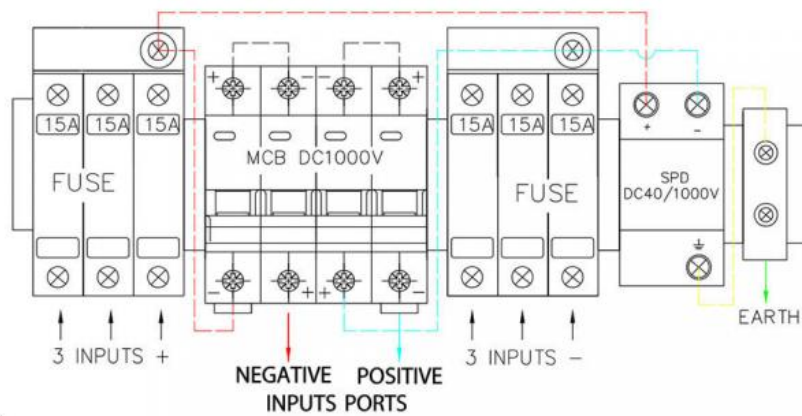
1 INPUTS PV COMBINER BOX WIRE DIAGRAM



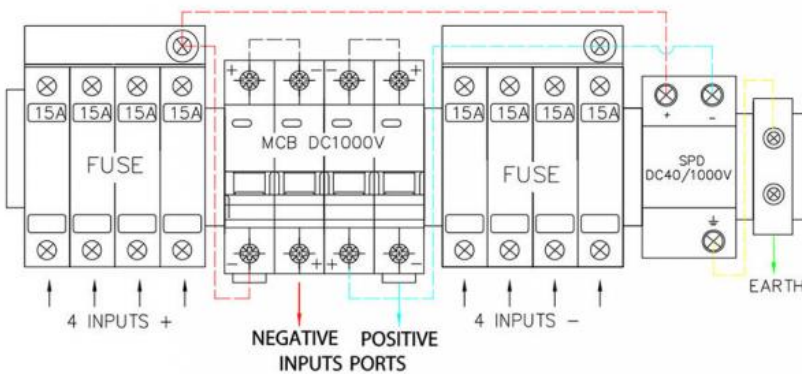
2 INPUTS PV COMBINER BOX WIRE DIAGRAM



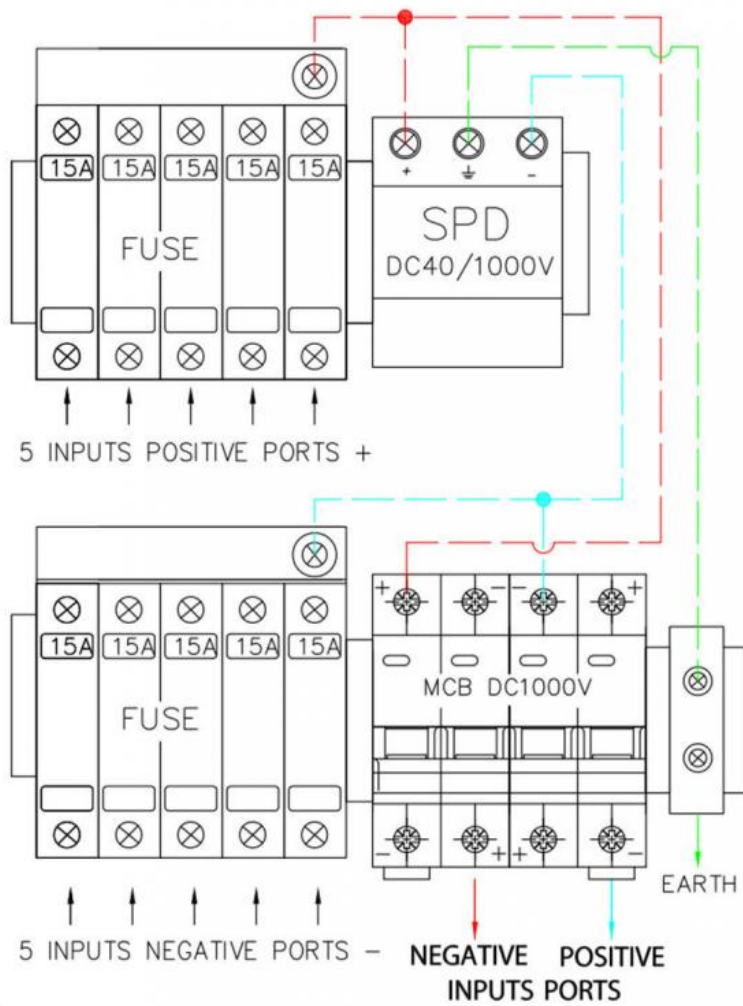
3 INPUTS PV COMBINER BOX WIRE DIAGRAM



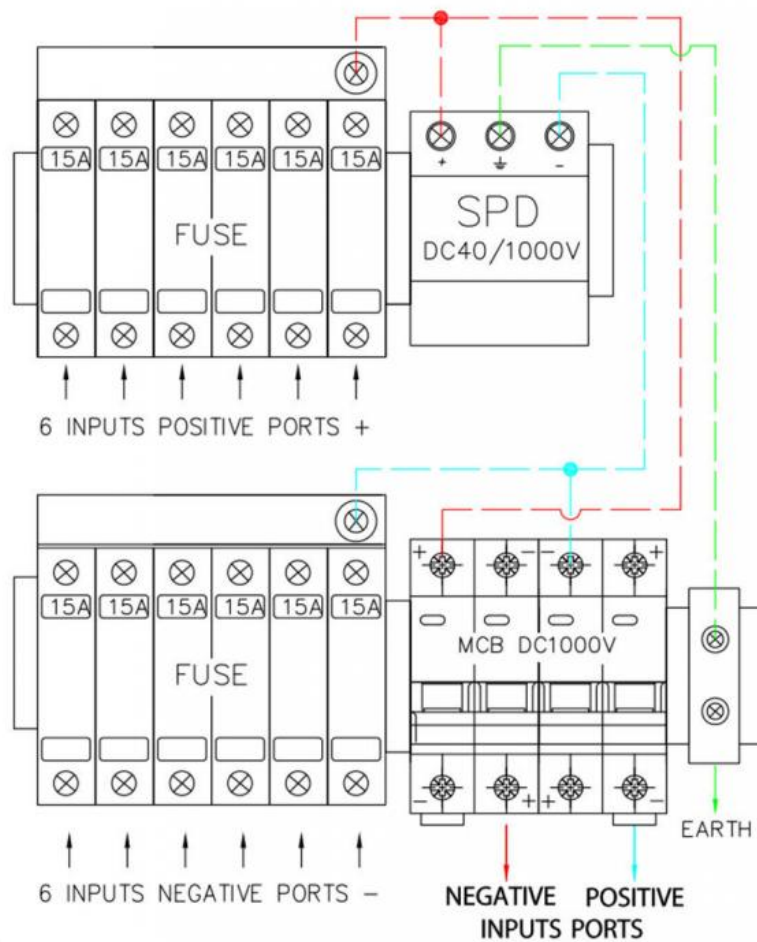
4 INPUTS PV COMBINER BOX WIRE DIAGRAM



5 INPUTS PV COMBINER BOX WIRE DIAGRAM



6 INPUTS PV COMBINER BOX WIRE DIAGRAM



Recommend Product



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: 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

6) Q:What's your contact information ?

Send your Inquiry Details in the Below, Click "send" Now!! We will do our best to give you a perfect service.



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