



## High Flexibility Solar MC4 Connector Female And Male For Solar Energy Systems

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

- Character: Explosion-Proof
- Species: Terminal
- Production Process: Injection Molding
- Shape: Round
- Interface Type: AC/DC
- Brand: Industrial
- Temperature Range: -40~+125
- Degree Protection: IP68
- Rated Voltage: DC 1000V
- Safety Class: II Of Mc4 Solar Cable Connector
- OEM: Yes
- Transport Package: Standard Export Package
- Specification: Normal
- Trademark: Golden Or Netural Or Customer Brand
- Origin: China



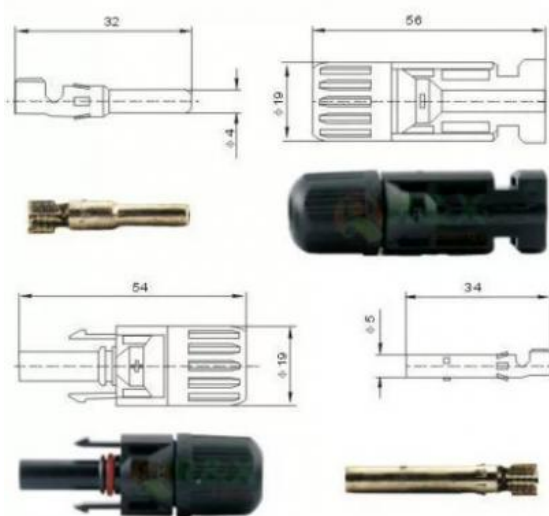
### More Images



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## Product Description

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\*Photovoltaic cable coupler.

\*Due to highly robustness,UV-Resistance,the touch protection a high grade connection is guaranteed for 25 years.

\*Acc.to DIN V VDE V 0126-3/12.06,UL1703 standard.

### Advantages of Solar Connector:

- Simple,quick,safe and effective filed assembly
- Develop independently,innovative design,have independent intellectual property rights,adaptive to solar connector directly
- High mechanical endurance
- Low transition resistance
- Innovative sealed,waterproof,dust resistance design:IP68
- Excellent plastic material ,UL 94-V0,wide temperature range:-40°C to 90°C,weather and UV resistant for long-time outdoor application
- Approved by TUV



The shell is made of high-strangth PC plastic  
High heat resistance flame retardant  
wear-resisting resistance to pollution  
Brand of raw materials:  
SABIC  
Innovative  
plastics TM

High quality lock head  
Exquisite,strong, sealing ,insulation  
With thick copper inner core  
Tin-plating surface treatment, prevent  
oxidation,Conductivity is better





**Waterproof and dustproof, waterproof grade:IP68 Anti-UV.use life:25years**

## Product Parameters

### Type:PV004

#### Electrical Features:

Rated Current	22A(2.5mm <sup>2</sup> ), 35A(4mm <sup>2</sup> ),40A(6mm <sup>2</sup> )
Withstanding Voltage	1500V DC(IEC),1000V/1500V DC(UL)
Contact Resistance	≤0.3mΩ
Protection Class	Class II

#### Mechanical Features:

Temperature Range	-40 °C~+90°C
Protection Degree	IP2X,unmated;IP68,mated
Wire Size Range	2.5/4/6mm <sup>2</sup> (14AWG,12AWG,10AWG)
Unmating Force	200 Newton

#### Material Features:

Insulation Material	PC
Contact Material	Copper,Tin plated
Flame Class	UL94-V0 or UL94-5VA

## Assembly instructions for connector of PV004



- During self assembly ,parts and tools other those stated by R&X are used or if the preparation and assembly instructions described here are disregarded then neither safety nor compliance with the technical data can be guaranteed.
- For protection against electric shock ,PV Connectors must be isolated from the power supply while being assembled or disassembled
- The end product must provided protection from electric shock
- Unplugging under load:PV plug connections must not be unplugged while under load.They can be placed in a no load state by switching off the DC/AC converter or breaking the AC circuit interrupter.Plugging and unplugging while under voltage is permitted
- Disconnected connectors should be protected from dirt and water with sealing caps.
- Plugged parts are watertight IP68

## Assemble the cable and connector



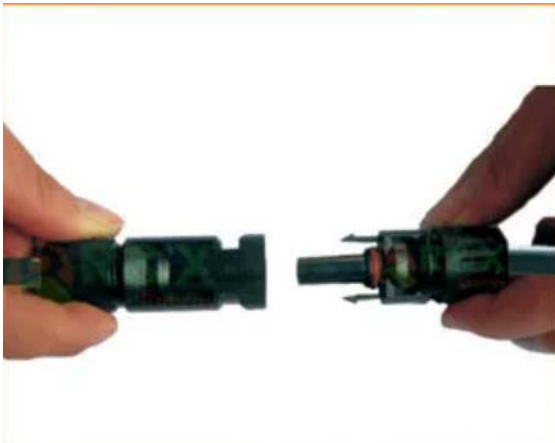
(Picture 1&2)

Push the crimped contact into the socket resp. Plug insulator until it engages .

Pull lightly on the lead to check that the metal part has engaged.

Screw on the cable gland ,hand-light,with the tools PV-STX,tightening torque about:2.2Nm.

## Plugging



(Picture3)

Mount the connector together until they engage.

Check correct engagement by Pulling on the coupling.

## Unplugging



(Picture 4&5)

Compress the two snap-in springs by hand or with PV-STX tool and separate the coupling

## Packaging & Shipping

### Packaging Details:

Standard Export Package

### Shipping:

1. By Air or by Sea for batch goods,Airport/ Port receiving;
2. Customers specifying freight forwarders or negotiable shipping methods!

### Delivery Detail:

Shipped in 7 days after payment



## Company Profile

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

**Q:How and how long can I get a sample to check your quality?**

A: After price confirmation, you can require for samples to check our quality. Then after you send us confirmed files, the samples will be ready for delivery in 7 days. The samples will be sent to you via express and arrive in 5-7 workdays.

**Q:How to order our product ?**

A: 1).Please tell us the model and quantity and other request you need.  
2).We make the PI for you.  
3).After you confirm the PI, we arrange the order for you after receiving your payment.  
4).After the goods finished, we send the goods out to you and tell you the tracking number.  
5).We will track your goods until you receive the goods.

**Q: Can I have a visit to your factory before the order?**

A: Welcome! Our factory address: Dongan Industrial Zone,Yueqing City, Wenzhou, Zhejiang, China (Mainland)

**Q: What's your shipment method?**

A: We ship by Express, by air, by sea, by train. Normally we checked and compare, then provide customer the most proper shipment method.

**Q: What's about MOQ?**

A: First order MOQ=1pcs

**Q: If i want to release order, what's the payment method you accept ?**

A: We accept T/T, Paypal, Western union, etc.

**Q: If i want to release order, what's the process?**

A: Thanks. You can send inquiry to us by alibaba, or send us by email, we will reply within 24hrs.

## Our commitent

**BETTER PRICE** than other sellers for you because of **Factory Direct Sale**.  
**BETTER QUALITY** than before caused by our **10+ years trading experience**.  
**STOCK IN TRADE** always own to our **Fast & Professional production line**.

**FAST DELIVERY** always made by our GROUP's Enthusiam.  
**TIMING REPLY** in 24 hours all about our TEAM's Passion & Patience.  
Send your Inquiry Details in the Below, **Click "Send" Now~**  
**YOUR BENEFITS IS OUR BUSINESS!!!**



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