



## 20ka SPD House Power Surge Protector 3p DC 1000V Protective Arrester Device DIN Rail Lightning Protection

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.: GD40-PV1000
- Shape: Module
- Material: Nylon
- Brand: Golden Electric /OEM
- In: 20ka
- UC: 600/900/1000/1200/1500VDC
- Imax: 40ka
- Protection Degree: IP20
- Used For: Solar PV System
- Color: Orange
- Indication: Green(Good) Red(Replace)
- Transport Package: Standard Export Carton
- Specification: 2P/3P
- Trademark: Golden Or Natural, Or Customer Brand
- Origin: China



### More Images



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## Product Description

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GD40-PV1000 series of DC Surge Protector Device (SPD) for use in Photovoltaic applications. Surge protective devices provide protection from lightning current and overvoltage surges in system from 500VDC to 1500VDC.

Providing power with photovoltaic solar panels is tremendously interesting in the context of renewable energy sources, as regards economical photovoltaic systems connected to the public electricity network. Because of their exposition, frequently in isolated sites and of the extended surface of photovoltaic system (PV), lightning strikes are a major components in risk to be assumed, both for the direct effect of lightning on the structures, and of the surge overvoltages on the installation. Cells are generally associated with inverters, has developed a specific Din Rail product to protect DC side of cells and inverters against surge in power plant or residential application.

With the MOV (Metal Oxide Varistor), the overvoltage will be limited at the value of the voltage protection level of the GD40-PV1000 DC surge protector, as recommended in standards and guides, insure all protections (between + and - , + and Ground, - and Ground). On each surge arrester, as option , an available auxiliary contact will inform the end life status to ensure a maximum efficiency.

### Product Features



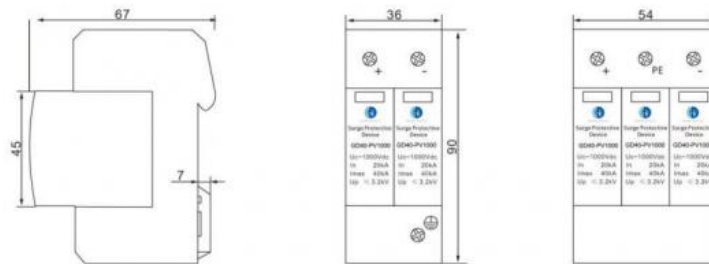
- Easy installation or retrofit
- Din-rail mountable
- Fail-safe / self-protected design
- Remote indicator (optional) with 3 pin NO/NC contact
- IP20 finger-safe design
- Visual indicator
- Small foot print

### Product Parameters

Technical Data / Type	GD40-PV1000
Network configuration	Photovoltaic (PV)
Maximum continuous voltage(Uc)	600 /900 /1000 /1200 /1500VDC
SPD to EN 61643-11	Type 2
SPD to IEC 61643-11	Class II
Norminal discharge current (8/20μs) (In)	20kA
Maximum discharge current (8/20μs) (Imax)	40kA
Voltage protection level (Up)	≤ 2.5/ 3.0 /3.2 /3.6 /4.5kV
Response time (Ta)	< 25ns
Thermal Protection	YES
Operating State/ Fault Indication	Green (good) / Red (Replace)
Degree of protection	IP 20
Insulating material / flammability class	PA66, UL94 V-0
Protective Elements	High Energy MOV
Temperature range	-40°C~+80°C
Altitude	13123 ft [4000m]
Conductor Cross Section (max)	35mm <sup>2</sup> (Solid) / 25mm <sup>2</sup> (Flexible)
Remote Contacts (RC)	Optional
Format	Pluggable
Internal configuration	(Y) or (U)
For mounting on	Din Rail 35mm
Place of installation	indoor installation

## Product Details

### Dimensions



### Application

Photovoltaic systems, AC/DC distribution, Power supplies, Industrial automation, Telecommunications, Motor Control Systems, PLC applications, Power transfer equipment, HVAC applications, UPS systems, Security systems, IT/Data centers, Medical equipment.

## Packing



## Recommand Product



## 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, 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 Circuit Breaker,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: 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 Surge Protector Device(SPD) guarantee?

A: 2 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 Surge Protector Device. 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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