



Solar PV System Used 20-40ka PV Surge Protective Device SPD Lightning Arrester Protector

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
- In: 20ka
- UC: 600/900/1000/1200/1500VDC
- Imax: 40ka
- Protection Degree: IP20
- Used For: Solar PV System
- Indication: Green(Good) Red(Replace)
- Transport Package: Standard Export Carton
- Specification: 2P/3P
- Trademark: Golden Electric Or Customize
- Origin: China
- HS Code: 8543709990
- Supply Ability: 5000/Month
- Type: Power Source Arrester
- Application: AC/DC System



More Images



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Product Description

Product Description

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.

Detailed Photos



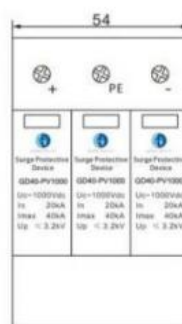
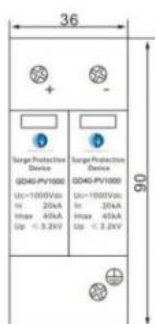
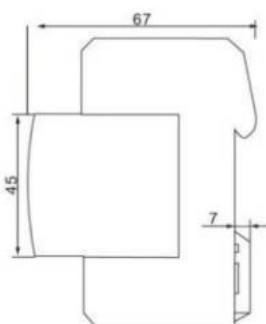
Product Parameters

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 ² (Solid) / 25mm ² (Flexible)
Remote Contacts (RC)	Optional
Format	Pluggable
Internal configuration	(Y) or (U)
For mounting on	Din Rail 35mm
Place of installation	indoor installation

Surge Protective Device Arrester Packing List:

Name	Specification	Packing quantity	GW/ctn	Carton size
GDPS-4 DC	2P/20~40KA/DC500V	60	18.5	42*32*16.5cm
GDPS-4 DC	2P/20~40KA/DC800V	60	18.5	42*32*16.5cm
GDPS-4 DC	2P/20~40KA/DC1000V	60	19	42*32*16.5cm
GDPS-4 DC	3P/20~40KA/DC100V	40	18.3	42*32*16.5cm
GDPS-4 DC	2P/20~40KA/DC1200V	40	19.3	42*32*16.5cm



PV Surge Protective Device SPD Features:

- Module design, convenient installation, with easy electric maintains operation
- Built-in over current and over heat, temperature control open circuit technology
- Adopt independent intelligence property right and high performance sensitivity resistance plates
- Small creepage current, fast response time, remnant low voltage
- With remote connection, can realize remote control

Application:

(1)Product Description:

This solar spd 20KA-40KA SPD is applied to provide fine overvoltage protection of electronic equipment whose power is supplied by direct-current power supply.

It is D-level overvoltage protection device, is design according to IEC and GB standard, is available in a variety of different power supply voltage and selector corresponding specifications. It is use for high temperature resistant plastic with excellent tightness, and easy to install wiring. Adopt temperature control circuit technology which has built-in over current breakers and thermal fuse circuit breakers, automatically trip because of deterioration.

It is designed modular deterioration instructions, flame-retardant shell.

It has dustproof, anticorrosion and other functions.

It is used in a relatively harsh environment staying a long-term stability

The remote signal port can achieve remote alarm control.

It is widely used in the DC power lightning protection of solar power systems, mobile communication base stations, microwave communications bureau, telecommunications room, plant, civil aviation, finance, securities and other system.

Other Hot-Selling Products



Company Profile

- Golden Electric Co.,Ltd ,was founded in 2007, we are professional for make **AC and DC electric items such as cable gland,MC4 Connector, isolator switch , fuse , breaker , distribution box , PV combiner box ,surge protector, Indicator lamp,Solar Charge Controller,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

*Package:International standard packaging

*Transport method : support multiple modes of such as sea, land and air

1) Are you a factory or trading company?

Yes we are factories.

2) What is your FOB port?

FOB Guangzhou, and we can according to customer requirements.

3) What is your delivery time?

3-7 days for samples, 10-30 days for large quantities, according to your order.

4) How about your after-sale service?

We can offer you timely and best after-sales service. Now we have built our relationship in many overseas countries like Brazil, Pakistan, Japan and German. It makes our after-sale service very easy and effective to reach you. Also our 24 hours online inquiry service is available.

5) Can I have my own logo on your products?

Yes, OEM&ODM service is available.

Any more query please contact with us, thank you!



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