



## 20kv 2p/3p 40ka I<sub>max</sub> AC Surge Protective Device for Solar System 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

- Shape: Module
- Material: Nylon
- Brand: Golden Or OEM
- Voltage: DC 500V, 550V, 800V, DC1000V(3p) 1200V, 1500V
- Us(Ka): 20ka
- I<sub>max</sub>(Ka): 40ka
- Series: AC SPD, Surge Protector, Surge Protective Device
- Color: Orange
- Altitude: 2000
- Where To Use: Solar PV System
- Terminal Screws: M5
- Indication: Green(Good) Red(Replace)
- Class Test: II
- Transport Package: Standard Export Carton



### More Images



for more products please visit us on [chinagoldene.com](http://chinagoldene.com)

Product Description

BV1-D

Series Surge Protective Device



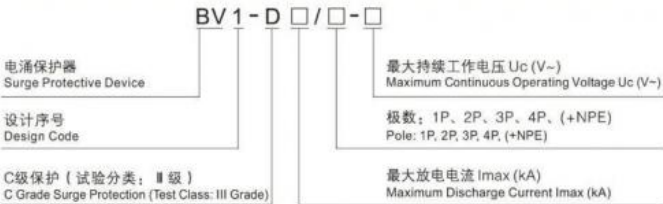
Product Description

BV1-D series surge protective device (SPD) is suitable for TN-S, TN-C-S, TT, IT etc. power supply system of AC 50/60Hz, 380V, installed on the joint of LPZ1 or LPZ2 and LPZ3, it's designed according to IEC61643-1, GB18802.1, it adopts 35mm standard rail, there is a failure release mounted on the module of surge protective device. When the SPD fails in breakdown for over-heat and over-current, the failure release will help electric device separate from the power system and give the indication signal, green means normal, red means abnormal, it's also could be replaced for the module when has operating voltage.

Product Features

- Could be replaced for the module not need power cut.
- Maximum current of endure the lightning stroke 20kA(8/20μs).
- Time of response < 25ns.
- The color of visible window shows operating status, green means normal, red means abnormal.

Model and Meaning



Application Scope and Installation Position

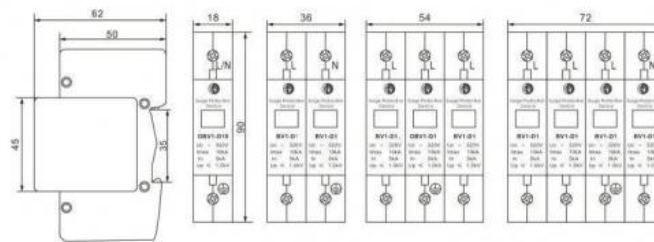
It's suitable for D grade surge protection, BV1-D10, BV1-D20 series surge protective device according to GB18802.1, 1-2002, installed on the joint of LPZ1 or LPZ2 and LPZ3, usually installed in household distribution boards, computer equipment, information equipment, electronic equipment and in the socket box in front of control equipment or near the control equipment.

★ Notice: When you order our goods, please write the model and quantity carefully. For example: BV1-D10/4P-320, 8 pieces.

## Main Technical Parameters

TechnicalParameters	Model	BV1-D1		BV1-D2	
Maximum Continuous Operating Voltage Uc	V~	275/320/385/420/440			
Voltage Protection Level Up	V~ kV	0.7	1.0	1.2	1.5
Nominal Discharge Current In	8/20 s	5kA		10kA	
Maximum Discharge Current Imax	8/20 s	10kA		20kA	
Response Time ns		25			
Test Standard		GB18802 IEC61643-1			
L/N The Cross Section of L/N Line		6mm²			
PE The Cross Section of PE Line		10mm²			
Fuse or Switch	A	10A	16A	16A	25A
Operating Environment		-40 ~+85			
Relative Humidity	25	95%			
Installation		Standard Rail 35mm			
Material of Outer Covering		Fiberglass			

## Dimension



## Packaging & Shipping

### 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

### Packaging Details:

**Customized Packing:** Header card packing, Blister with card packing, Double blister packing, Canister packing, other packing can be supplied according customers request.

### 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 cable gland, 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.



Inverter:On grid and off grid inverter for 5 years warranty.

Surge protector: B,C,D Class, AC, DC type you can choose. Different types and discharge current you choose.

Manual transfer switch: 1A~1600A, 3P/4P.

Combiner box :Metal and plastic,can design as you need.

Insulator:SM and EL series insulator

Metal Enclosure for Transfer switch: Metal box, size can color can be customized.

Plstic distribution box: Different ways, competitive price, welcome to contact.

## Our Advantages

- 1.Best ensure 100% customer satisfaction.
- 2.Our products have one year guarantee.
- 3.Sample in design and easy to operate and maintain.
- 4.All electrical parts of products are made up for qualified marterials.
- 5.No MOQ limited for the trial order.
- 6.We adopt good credit quality electrial appliances.
- 7.Best customer care and effcient after-sale services.
- 8.Don't hesitate to inquire us,we will reply you within 12 hours.



## FAQ

**Q1: If I'm interested in your Solar SPD when I can receive your quotation and detail information after send the enquiry?**

A: All your enquiry will be replied in 8 hours.

**Q2: Your Solar SPD seems perfect but what's the difference between you and other suppliers? Because I find some cheaper price from others!**

A: Our DC SPD is special for Solar system all the parts in the SPD are high quality customized. Not all the DC SPD are Solar SPD!

**Q3: Can I get a sample before the order because I really don't know how is your DC SPD quality?**

A: Of course! We also think sample order is the best way to build the trust.

**Q4: How's the delivery? Because I really need them urgently?**

A: For sample order 3~7 days will be no problem. And for regular order we promise in 15 days.

**Q5: How's the warranty period for your DC SPD?**

A: We offer one year warranty for our customer.

## How to contact us

Send your Inquiry Details in the Below, please Click "[send](#)" Now!

Good price and sample are waiting for you.



**Guangzhou Golden Electric Co., Ltd.**



008618998498109



eva@china-golden.com.cn



chinagoldene.com

Building 4, Self-edited Building, No. 728, Kaichuang Avenue, Yunpu Industrial Zone, Huangpu District,  
Guangzhou city, Guangdong province, China