



## 20ka Imax Solar System Grade B Class SPD Plugable Structure Lightning Arrester Energy

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
- Imax(Ka): 40ka
- Series: AC SPD, Surge Protector, Surge Protective Device
- Color: Orange
- Altitude: 2000
- Where To Use: Solar PV System
- Terminal Screwa: M5
- Indication: Green(Good) Red(Replace)
- Class Test: II
- Transport Package: Standard Export Carton



### More Images



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### Product Description

## BV8

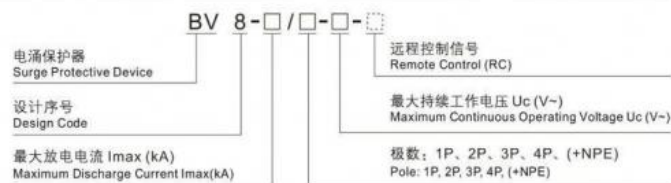
Series Surge Protective Device



### Product Features

- Strong protection function: Max current amount 150kA(8/20  $\mu$ s), low remnant voltage, adopt independent information property right and high performance sensitivity resistance components, the expertise inner metal screen protection module, built-in over-current and over-heat, controlled by temperature controlled open circuit technology, can realized Kevin connection.
- Full-scale protection: adopted BV8 arrested module to be applicable to all kinds of netty
- Adaptive different requirements: remote control function(RC),
- Easy maintains: Module design, protection investment.
- Display function of malfunction; Standard size, small volume.

### Model and Meaning



應用(保護等級B級,最大通流容量 $I_{max}$ :60kA~150kA)  
Application (Protection grade B class)

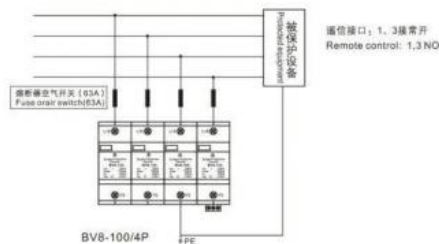
BV8 系列电涌保护器适用于交流50~60Hz、380V及以下的TT、TN等供电系统, 广泛应用于各类电源二级(B级) 过电压防护。一般安装在建筑物进线的低压主配电柜里或低压总开关柜内等。

OBV8 series surge protector devices is applicable to AC 50~60Hz, 380 and below TT, TN etc power supply system, widely applicable to all kinds of power supply Second class(B class) over voltage protection, General installed in low voltage main distribution box or low voltage general switch cabinet of building.

### Product connection

大通流产品通过不同组合可用在各种供电体制下的单、三相电涌保护、有针对我国电网普遍采用的TT系统供电模式的3+NPE保护。

Large through-flow product is applicable for single phase, three-phase surge protection devices under various power supply systems through different combinations, especially, it is applied for TT system 3+NPE protection adopted by our country power network, widely.

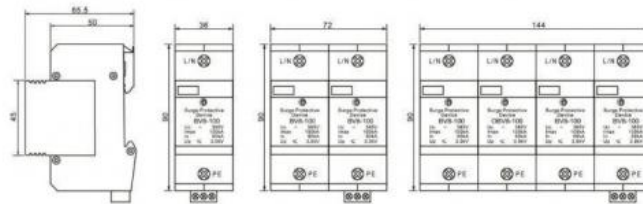


## Main Technical Parameters

型号 Model	BV8-100	BV8-120
参数 Technical Parameters		
最大持续工作电压 Maximum Continuous Operating Voltage $U_c$ (V~)	385/420/440	
电压保护水平 Voltage Protection Level $U_p$ (V~) kV	$\leq 2.5/3.0/3.2/3.5$	
标称放电电流 Nominal Discharge Current $I_n$ (8/20 $\mu s$ )	60kA	80kA
最大放电电流 Maximum Discharge Current $I_{max}$ (8/20 $\mu s$ )	100kA	120kA
响应时间 Response Time ns	$< 25$	
接入导线截面积 L/N The Cross Section of L/N Line $mm^2$	16, 25	
接入接地线截面积 PE The Cross Section of PE Line $mm^2$	25, 35	
熔断器或断路器选型 Fuse or Switch (A)	63A	
通讯、报警线截面积 The Line Section of Communication and Alarm	$\geq 1.5 mm^2$	
工作环境 Operating Environment $^{\circ}C$	$-40^{\circ}C \sim +85^{\circ}C$	
相对湿度 Relative Humidity (25 $^{\circ}C$ )	$\leq 95\%$	
安装 Installation	标准导轨 Standard Rail 35mm	
外壳材料 Material of Outer Covering	玻璃纤维 Fiberglass	

## Dimension

防雷器采用35mm轨道型材安装，外形尺寸见图  
The arrester is adopted 35mm orbit material installation, see the chart for the outer shape size



## 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.**



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