

## Durable IP65 Rated Junction Box with Dual 2-Diode Configuration



### Short Description:

#### Electrical Features:

Rated Voltage:1000VDC

Contact Resistance: $\leq 0.5\text{m}\Omega$

Protection Class: II

#### Mechanical Features:

Temperature Range: $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$

Wire Size Range:4mm<sup>2</sup>, 6mm<sup>2</sup>

Protection Degree:IP67, Closed

#### Material Features:

Insulation Material: PPO/PA, Black

Contact Material: Copper, Tin plated

Flame Class: UL94-V0

### Description

Note: This Junction box is with 2\*90cm cables and one set of MC4 connector

#### Main speciality

With the capacity of age and UV-resistance

The PV-Junction box can work in the atrocious weather

The PV-Junction box is not only with the convenient installation of ribbon bands but also all connections are double strengthened connection;

The maximal working current will be changed when the box is fixed with different types of diode.

Standard: DIN V VDE 0126-5/05.08 UL1703

#### Electrical Features

Power for PV module 50W to 100W

Rated Voltage:1000VDC

Contact Resistance: $\leq 0.5\text{m}\Omega$

Protection Class: II

#### Mechanical Features

Temperature Range: $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$

Wire Size Range:4mm<sup>2</sup>, 6mm<sup>2</sup>

Protection Degree:IP67, Closed

#### Material Features

Insulation Material: PPO/PA, Black

Contact Material: Copper, Tin plated

Flame Class: UL94-V0

## PV Junction Box 3diodes IP 67/68



### Short Description:

IP67 IP68 Solar junction box for 400w 380w 350w 300w 280w 250w 260W 270W 300W 310W

Flame resistant TUV certified IP67 68 1500VDC solar pv junction box

A solar junction box is attached to the back of the solar panel with silicon adhesive. It wires the (usually ) 4 connectors together and is the output interface of the solar panel .With the use of a junction box ,it becomes easy to connect the solar panel to array

## Description

Technical drawings showing dimensions: 118,6 (width), 19,5 (height), 101,1 (width), 17,5 (height), 112,6 (width), and 60 (width). The drawings also show the internal terminal layout and the 'PV-JB01-B' label.

PV-JB01-B

Technical data/技术参数	
Rate Voltage / 额定电压	1500V DC(TUV)/1500V(CSA)
Rated Current / 额定电流	15A
Protection Class / 防护等级	Class II
Cable Specifications / 线缆规格	4mm <sup>2</sup>
Waterproof Rating / 防水等级	IP67
Flame Class / 阻燃等级	UL94-V0(TUV/SVA(CSA))
Operating Temperature / 操作温度	-40°C+85°C(TUV)/-40°C+90°C(UL)
Waterproof Structure / 防水结构	Seal Ring and Potting/ 密封胶和灌封胶
Width Of Ribbons / 汇流条宽度	Up to 8mm / 最大8mm
Connection Method / 汇流条连接方式	Spring Clamping / 卡接
Insulation Material / 绝缘材料	PPE
Contact Material / 接触材料	Copper ,Tin-Plated / 铜, 镀锡


Product Configuration List / 产品配置表	
Rated Voltage / 额定电压	30A
Diode Type / 二极管型号	30PV045
Diode Qty / 二极管数量	3颗

## Specification

Certification	TUV/ UL
Rated Voltage	1500-1000VDC
Ambient Temperature Range	-40°C~+85°C
Safety Class	Class II / II
Protection Degree	IP67/68
Wire Size Range	4mm <sup>2</sup>

Flame Resistance	5VA
Waterproof Structure	Pre-Potting Sealant + Seal Ring
Width of Ribbons	up to 8mm
Terminal Spacing	16mm
Connection Method	Spring clamping
Insulation Material	PPO
Contact Material	Copper, Tin plated
Overall Size	118.6mm×101.1mm×17.5mm
Optional Connector	PV-GZX0601-1,MC4,H4

## Compact Solar Panel Connector Box for Easy Installations

	<p><b>Short Description:</b></p> <p><b>Main speciality</b>  With the capacity of age and UV-resistance  The PV-Junction box can work in the atrocious weather  The PV-Junction box is not only with the convenient installation of ribbon bands but also all connections are double strengthened connection;  The maximal working current will be changed when the box is fixed with different types of diode.  Standard: DIN V VDE 0126-5/05.08 UL1703  PV 011 junction box is small and easy to install,which is suitable for the low power modules</p>
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### Description

#### Technical data

power for pv module 20-30w

Rated 100V DC

Rated current 3A

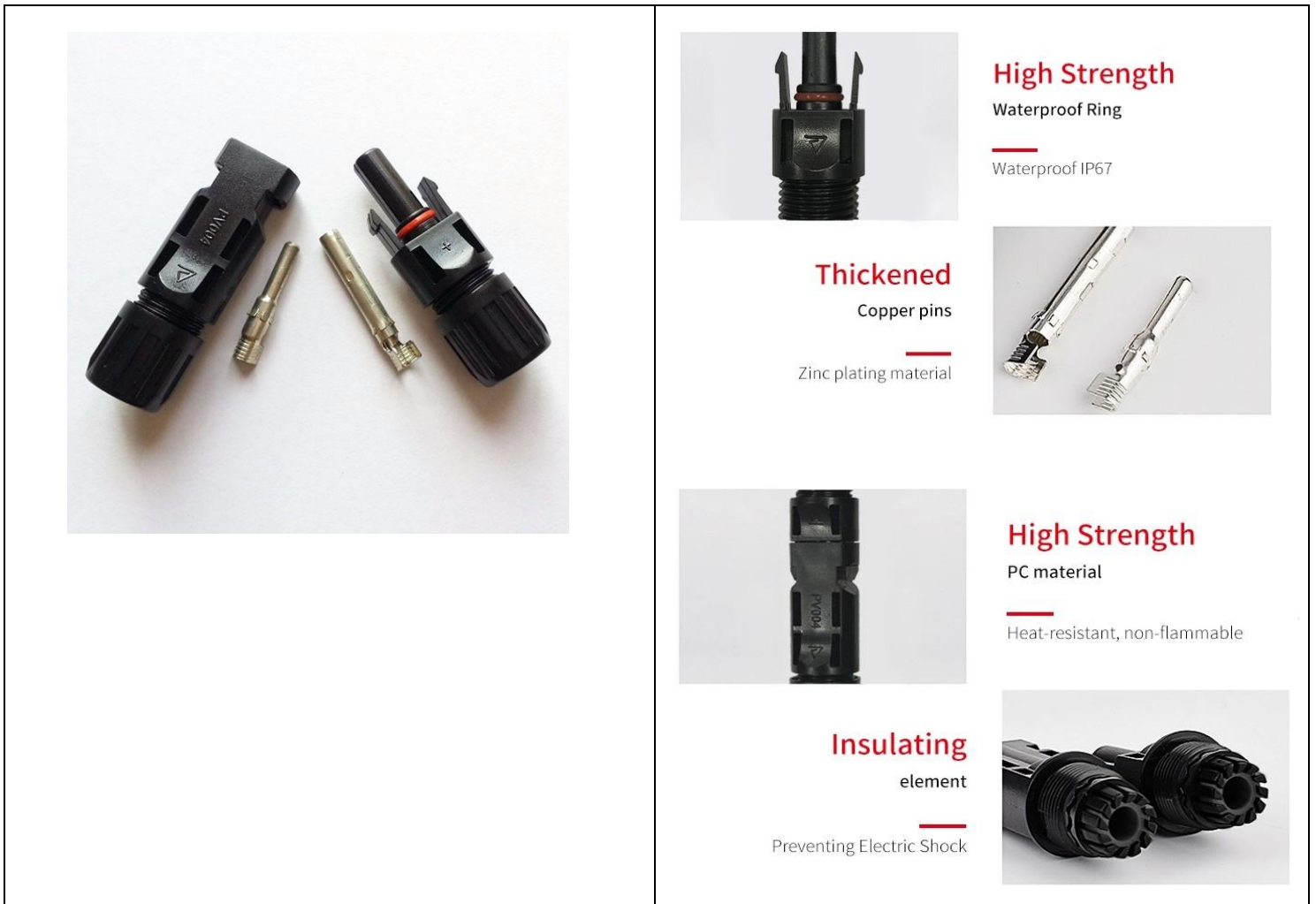
Contact resistance  $\leq 5m\Omega$

Cable cross section 2\*1mm<sup>2</sup>

Insulation material PPO black

Temperature range -40°C to +85°C

## High-Quality MC4 Type Solar Connector for Efficient Solar Energy Transfer



### Description

TUV Ce IP67 2.5mm<sup>2</sup>~6mm<sup>2</sup> Mc4 Solar Connector for Multiple Solar System Connection

a. Application: Applied to solar panels for power generation and related components of the wiring, connection, particularly suitable for outdoor. Resistance to sunlight, anti-aging, Using the low smoke halogen-free flame retardant materials, higher grade, more safety .

b. Construction: MC4 Solar PV Connector, with TUV certified, has inner drum-type material metal connectors, the plugs and minus connector are used with the cable, made of PC material, easy to connector with each other. It is important and indispensable components for photoelectric system.

### Technical Data

1. Plastic part material: PC
2. Rated voltage: 1000V DC
3. Rated current: 30A
4. Contact resistance  $\leq 0.5\text{M}\Omega$
5. Safe class: class 2
6. Temperature range: -40°C -85°C
7. Section area of cable: 1\*4mm<sup>2</sup>
8. Degree of protection: IP65
9. Flame class: UL94-V0
10. Hardware terminal: tinned red copper

## Highly Efficient and Durable MC4 Solar Panel Connector

	<p><b>Short Description:</b></p> <p>T-branch MC4 connector PV004-T Solar Panel Connector This connector is specifically designed for connecting photovoltaic system components inside and outside of building and equipment.</p>
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### Specification

Technical Data	
Type	PV004-T
Rated Voltage	1000VDC
Rated Current	30A
Safety Class	Class II
Protection Degree	IP67
Contact Resistance	≤ 5mΩ
Pollution Degree	2
Insulation Material	PPO
Ambient Temperature	-40 ~ +85 °C
Compatible type	MC4, PV004
Flame Class	UL94-V0

## Solar junction Box 3split IP68 for Solar Panel



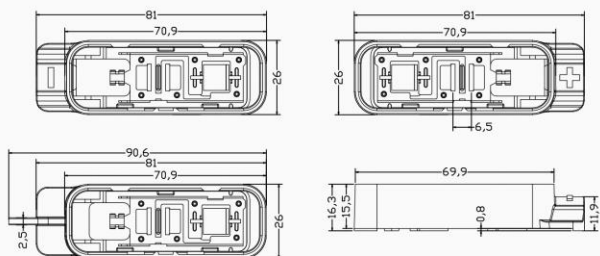
### Short Description:

IP68 Solar junction box for half cells panel over 380w  
400w 420w 500w

Flame resistant TUV certified IP68 1500VDC solar pv  
junction box

A solar junction box is attached to the back of the solar  
panel with silicon adhesive .It wires the (usually ) 3  
connectors together and is the output interface of the  
solar panel .With the use of a junction box ,it becomes  
easy to connect the solar panel to array .

### Description



### PV-JB03

#### Technical data/技术参数

Rate Voltage / 额定电压	1500V DC(TUV)
Rated Current / 额定电流	18A
Protection Class / 防护等级	Class II
Cable Specifications / 线缆规格	4mm <sup>2</sup>
Waterproof Rating / 防水等级	IP68
Flame Class / 阻燃等级	UL94-V0(TUV/5VA(UL))
Operating Temperature / 操作温度	-40°C+85°C(TUV)/-40°C+90°C(UL)
Waterproof Structure / 防水结构	Potting / 灌封胶
Width Of Ribbons / 汇流条宽度	Up to 6mm / 最大6mm
Connection Method / 汇流条连接方式	Soldering / 焊接
Insulation Material / 绝缘材料	PPE
Contact Material / 接触材料	Copper ,Tin-Plated / 铜, 镀锡

#### Product Configuration List / 产品配置表

Rated Voltage / 额定电压	30A
Diode Type / 二极管型号	30PV045
Diode Qty / 二极管数量	3颗



**PV Junction Box 3parts IP68 1500VDC for half-cells, BIPV panels with TUV, Sales solar pv junction box Promotions**  
**Solar PV junction Box for Solar Panel Photovoltaic Module IP68**

## Innovative PV Solar Panel Junction Box with 6 Diodes



### Short Description:

Main speciality

With the capacity of age and UV-resistance

The PV-Junction box can work in the atrocious weather

The PV-Junction box is not only with the convenient

installation of ribbon bands but also all connections are double strengthened connection;

The maximal working current will be changed when the box is fixed with different types of diode.

Standard: DIN V VDE 0126-5/05.08 UL1703

### Description

**Note:** This Junction box is with 2\*90cm cables and one set of MC4 connector

### Technical parameters

Type:102(TUV)

Power for PV mould 180-300w

#### Electrical Features:

Rated Voltage:1000VDC

Contact Resistance:  $\leq 0.5\text{m}\Omega$

Protection Class: II

#### Mechanical Features

Temperature Range:-40°C to +85°C

Wire Size Range:4mm<sup>2</sup>, 6mm<sup>2</sup>

Protection Degree:IP67, Closed


#### Material Features

Insulation Material: PPO/PA, Black

Contact Material: Copper, Tin plated

Flame Class:UL94-V0

## Screw Seam Photovoltaic Folding Package

	<p><b>Short Description:</b></p> <p>Small size, Hangable, Easily Carried.</p> <p>High-efficiency calls, with a conversion efficiency of up to 23%.</p> <p>Low surface energy superstrate, with a contact angle of 105-110°. less soiling power loss for modules.</p> <p>With built-in bracket, ensuring the best light receiving angle at any time.</p>
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### Description

Introducing our innovative solar product, the Sewn Solar Folding Bag. The product is designed to meet the energy needs of people on the go, whether they are camping, hiking, or traveling to remote areas without electricity. The Sewn Solar Folding Bag is a portable, lightweight and durable solar panel that is easy to fold, pack and carry.

It's made of high-quality materials, including a waterproof and weatherproof sturdy nylon fabric. The solar cells used in the panels are highly efficient and can convert sunlight into electricity with an efficiency of up to 23%. This solar panel can be used to charge a variety of devices including smartphones, tablets, cameras, portable speakers and more. It comes with a USB output cable that can be used to connect the panel to any USB powered device. The panel can also be connected to a power bank to charge devices on the go.

The sewn solar foldable bag has a unique design that folds down to a compact size that fits easily into a backpack or travel bag. It also has a built-in handle for easy portability and transport. Featuring a sleek and modern design, this bag is perfect for outdoor adventures, business travel, and everyday use.

All in all, our Sewn Solar Folding Bag is an innovative and practical solution for people who need reliable portable power while on the go. With its high efficiency, durable materials and compact design, this solar panel is a must-have for anyone looking to stay connected and powered wherever they go.

### Technical parameters

category	specs	Voc[V]	Isc[A]	Vmp[V]	Imp[A]	Unfolding(mm)	Folded(mm)	KG
screw seam board (black)	100w	24.6	5.2	20.5	4.9	1012*702*5	702*455*15	4.7
screw seam board (black)	200w	24.6	10.4	20.5	9.8	1910*702*5	702*455*25	9.3