

Green energy , low-carbon environment



**SUNPV**SOLAR

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**SUNPV**  
SOLAR

Foshan Sunpv Technology Co.,Ltd



Solar Power Optimizer / Solar Micro Inverter  
/Rapid shutdown / Solar Connectors / Solar Cable

## Company Profile



Foshan Sunpv Technology Co.,Ltd specializes in the research and development, production, and sales of solar micro inverters, power optimizers, and solar connectors. Over the years, I have gained extensive experience in the industry and have a deep understanding of the problems that can arise in Solar systems.

Our company is dedicated to providing customers with products that can help them overcome these challenges and improve the return on investment of their solar energy projects. Our micro inverters and power optimizers are designed to solve some of the common issues in traditional PV systems, such as shading, module mismatch, and partial system failure. With our products, customers can increase the energy output of their solar systems, as well as their overall return on investment.

At Foshan Sunpv Technology Co.,Ltd, we are committed to providing our customers with products that offer superior performance, reliability, and value. By choosing our micro inverters, power optimizers, and solar connectors, customers can enjoy increased energy yields, improved system performance, and a higher return on investment. If you are looking for a partner in the solar energy industry that can help you overcome the challenges of traditional PV systems, please don't hesitate to contact us at [mark@sunpvsolar.com](mailto:mark@sunpvsolar.com).



# Production Workshop



# Qualification certificate



All raw materials of our products have been tested by SGS, REACH, RoHS, MSDS, etc.



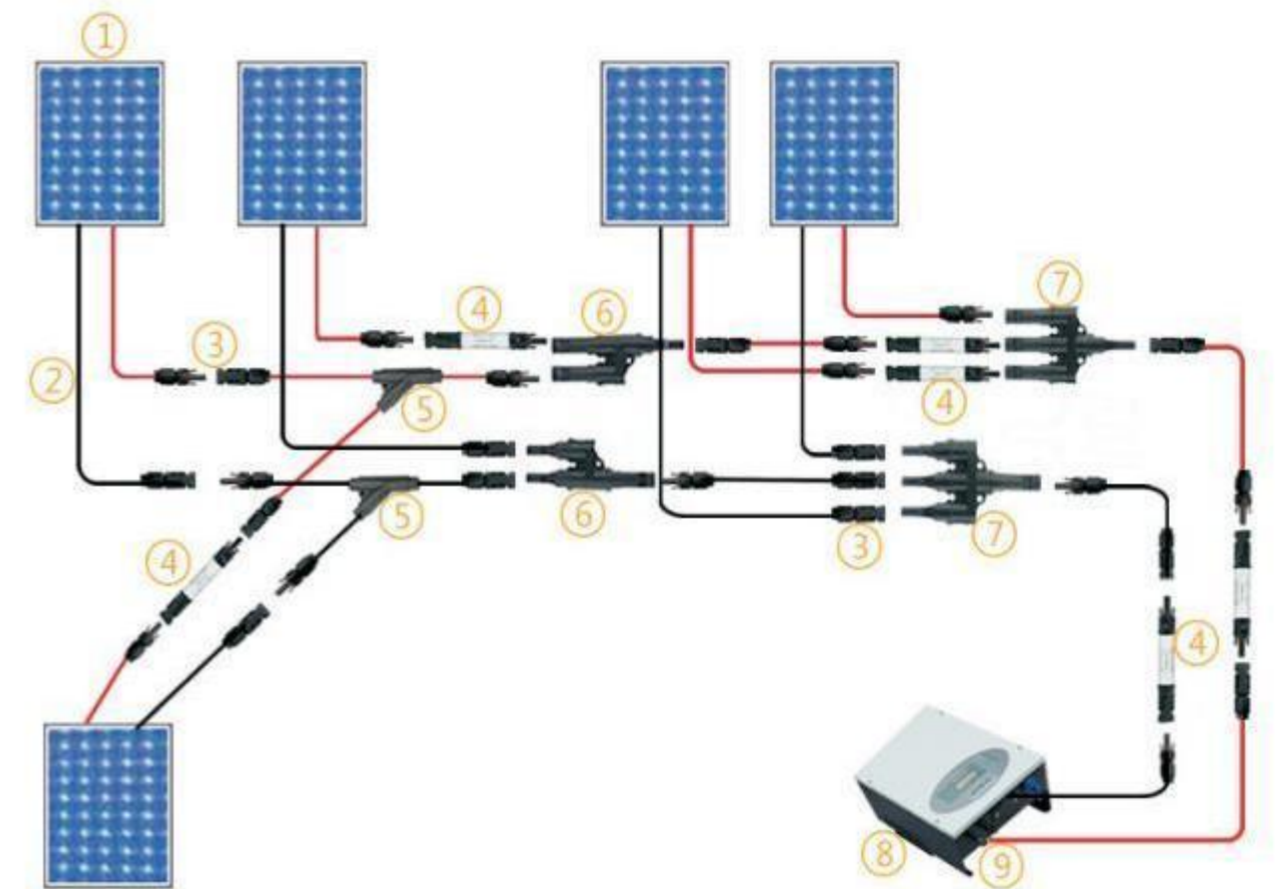
## Application Field

Solar connectors are one of the core components of PV power generation systems, mainly used for the circuit connection from outdoor panels to inverters/sink boxes.

The products are widely used in PV modules, PV power plants, solar street light systems and other PV applications.



## Installation operation schematic



- ① Solar panel
- ② Solar cable
- ③ PV-MC wire-end solar connector
- ④ MC-F fuse connector
- ⑤ MCY201 branch connector
- ⑥ MCH201 branch connector
- ⑦ MCH301 branch connector
- ⑧ Solar inverter
- ⑨ PPV-BMC board-end solar connector



**Advantages:**

- 1. South Germany TUV certification, more quality assurance
- 2. Imported P PO material, insulation more secure
- 3. IP68 waterproof grade, the use of more secure

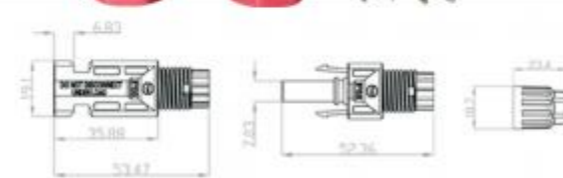
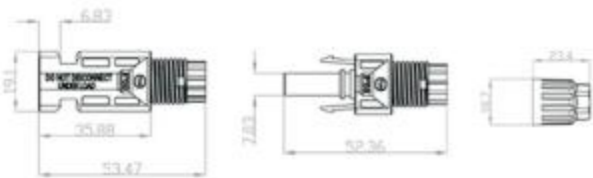
**Features:**

V0 flame retardant / Strong anti-aging / Radiation resistance / High temperature / Low temperature / Excellent electrical Conductivity / Easy to install

**1000V Photovoltaic connectors**

Model: PV- MC

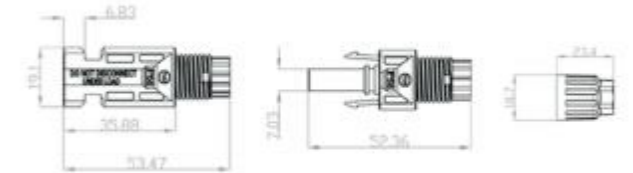
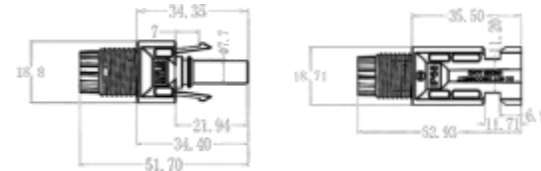
Model: PV- MC (Red)



**Photovoltaic connectors**

Model: PV- MC

Model: PV- 1MC



Model	PV- MC	PV- MC(Red)	PV- MC	PV- 1MC
Rated voltage	1000V	1000V	1000V	1000V
Insulation material	PPOmaterial	PPOmaterial	PPOmaterial	PPOmaterial
Conductor material	Copper tinned	Copper tinned	Copper tinned	Copper tinned
Ambient temperature	-40°C ~+95°C	-40°C ~+95°C	-40°C ~+90°C	-40°C ~+90°C
Product temperature resistance	-40°C ~+135°C	-40°C ~+135°C	-40°C ~+135°C	-40°C ~+135°C
Safety class	DCII	DCII	DCII	DCII
Waterproof grade	IP68	IP68	IP68	IP68
Contact resistance	≤0.5mΩ	≤0.5mΩ	≤0.5mΩ	≤0.35mΩ
Connection system	Multi-point connection	Multi-point connection	Multi-point connection	Multi-point connection
Self-locking system	Embedded	Embedded	Embedded	Embedded
Wiring method	Crimp	Crimp	Crimp	Crimp
Wiring specifications	2.5mm <sup>2</sup> , 4mm <sup>2</sup> , 6mm <sup>2</sup>	2.5mm <sup>2</sup> , 4mm <sup>2</sup> , 6mm <sup>2</sup>	2.5mm <sup>2</sup> , 4mm <sup>2</sup> , 6mm <sup>2</sup>	4mm <sup>2</sup> , 6mm <sup>2</sup>
Rated current	1.5mm <sup>2</sup> :17A 2.5mm <sup>2</sup> :22.5A 4mm <sup>2</sup> ~ 6mm <sup>2</sup> :30A	1.5mm <sup>2</sup> :17A 2.5mm <sup>2</sup> :22.5A 4mm <sup>2</sup> ~ 6mm <sup>2</sup> :30A	1.5mm <sup>2</sup> :17A 2.5mm <sup>2</sup> :22.5A 4mm <sup>2</sup> ~ 6mm <sup>2</sup> :30A	50A
Flame retardant grade	UL94 -VO	UL94 -VO	UL94 -VO	UL94 -VO

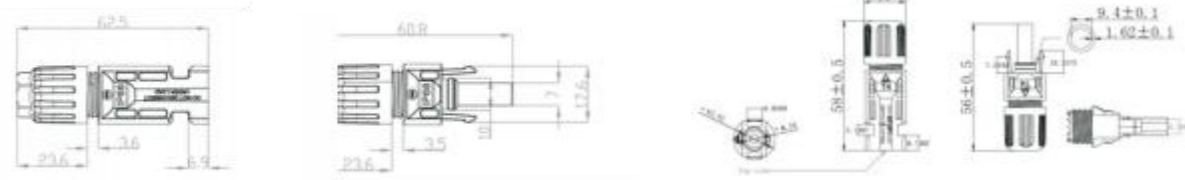
# PV-connector

## PC material PV-connector

Model: PV-MC(WG)



Model: PV-MC(WG2)



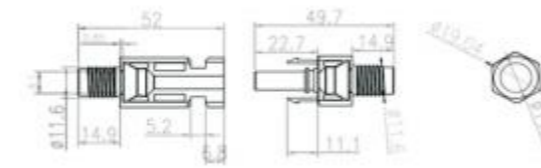
Model	PV- MC(WG)	PV- MC(WG2)
Rated voltage	1000V	1000V
Insulation material	PCmaterial	PCmaterial
Conductor material	Copper tinned	Copper tinned
Ambient temperature	-40°C ~+90°C	-40°C ~+90°C
Product temperature resistance	-40°C ~+135°C	-40°C ~+135°C
Safety class	DCII	DCII
Waterproof grade	IP67	IP67
Contact resistance	≤0.35mΩ	≤0.35mΩ
Connection system	Multi-point connection	Multi-point connection
Self-locking system	Embedded	Embedded
Wiring method	Crimp	Crimp
Wiring specifications	2.5mm <sup>2</sup> , 4mm <sup>2</sup> , 6mm <sup>2</sup>	2.5mm <sup>2</sup> , 4mm <sup>2</sup> , 6mm <sup>2</sup>
Rated current	1.5mm <sup>2</sup> :17A 2.5mm <sup>2</sup> :22.5A 4mm <sup>2</sup> ~ 6mm <sup>2</sup> :30A	1.5mm <sup>2</sup> :17A 2.5mm <sup>2</sup> :22.5A 4mm <sup>2</sup> ~ 6mm <sup>2</sup> :30A
Flame retardant grade	UL94 -V2	UL94 -V2

## Board End Connectors

Model: PV-BMC



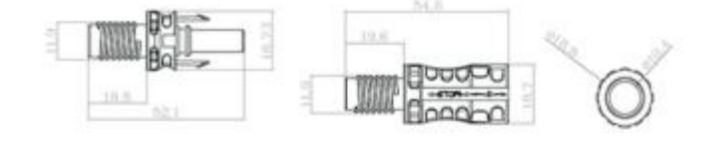
可配实心车件端子



Model: PV-15BMC



可配实心车件端子



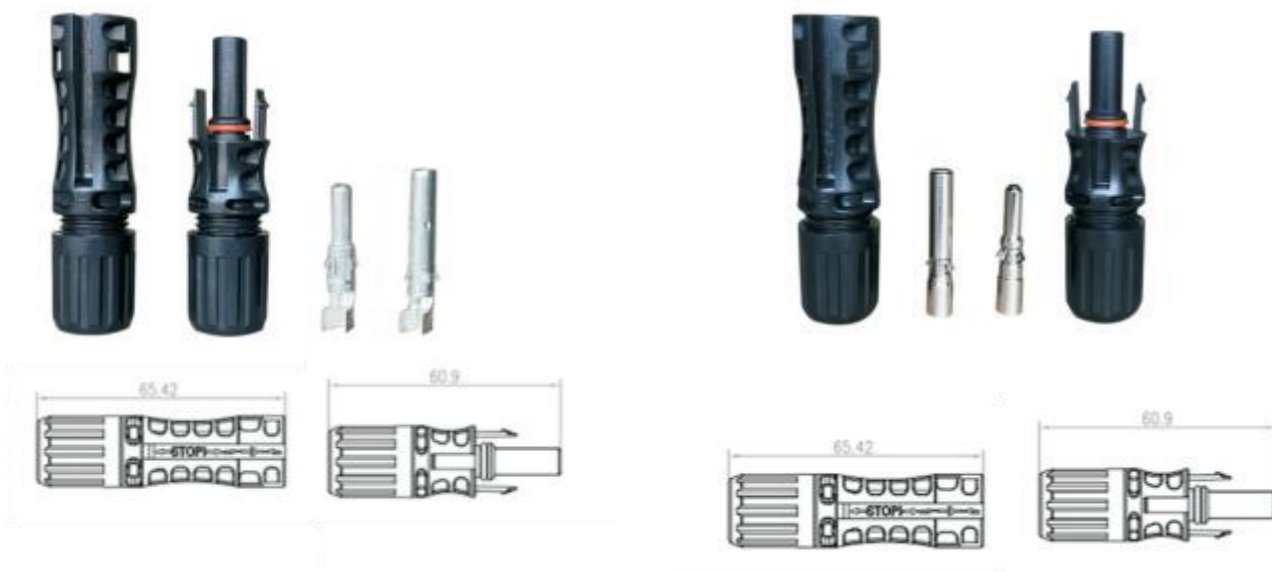
Model	PV- BMC	PV- 15BMC
Rated voltage	1000V	1500V
Insulation material	PPOmaterial	PPOmaterial
Conductor material	Copper tinned	Copper tinned
Ambient temperature	-40°C ~+90°C	-40°C ~+90°C
Product temperature resistance	-40°C ~+135°C	-40°C ~+135°C
Safety class	DCII	DCII
Waterproof grade	IP68	IP68
Contact resistance	≤0.35mΩ	≤0.35mΩ
Connection system	Multi-point connection	Multi-point connection
Self-locking system	Embedded	Embedded
Wiring method	Crimp	Crimp
Wiring specifications	2.5mm <sup>2</sup> , 4mm <sup>2</sup> , 6mm <sup>2</sup>	2.5mm <sup>2</sup> , 4mm <sup>2</sup> , 6mm <sup>2</sup>
Rated current	1.5mm <sup>2</sup> :17A 2.5mm <sup>2</sup> :22.5A 4mm <sup>2</sup> ~ 6mm <sup>2</sup> :30A/50A	1.5mm <sup>2</sup> :17A 2.5mm <sup>2</sup> :22.5A 4mm <sup>2</sup> ~ 6mm <sup>2</sup> :30A/50A
Flame retardant grade	UL94 -VO	UL94 -VO

# PV-connector

## 1500VPV-connector

Model: PV- 15MC

Model: PV- MC10

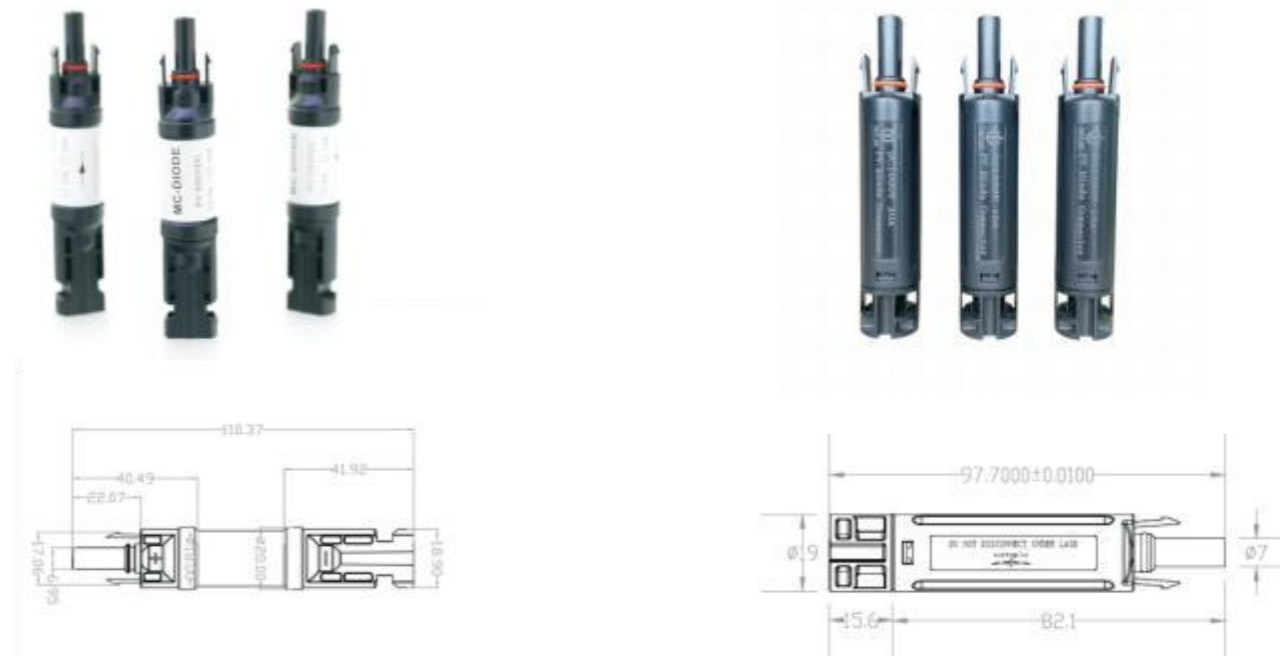


Model	PV- 15MC	PV- MC10
Rated voltage	1500V	1500V
Insulation material	PPOmaterial	PPOmaterial
Conductor material	Copper tinned	Copper tinned
Ambient temperature	-40°C ~+90°C	-40°C ~+90°C
Product temperature resistance	-40°C ~+135°C	-40°C ~+135°C
Safety class	DCII	DCII
Waterproof grade	IP68	IP68
Contact resistance	≤0.35mΩ	≤0.35mΩ
Connection system	Multi-point connection	Multi-point connection
Self-locking system	Embedded	Embedded
Wiring method	Crimp	Crimp
Wiring specifications	2.5mm <sup>2</sup> , 4mm <sup>2</sup> , 6mm <sup>2</sup>	10mm <sup>2</sup>
Rated current	1.5mm <sup>2</sup> :17A 2.5mm <sup>2</sup> :22.5A 4mm <sup>2</sup> ~ 6mm <sup>2</sup> :30A	50A
Flame retardant grade	UL94 -VO	UL94 -VO

## PV diodes

Model: MC-D

Model: MC-D (NEW)



Model	MC- D	MC- D (NEW)
Rated voltage	1000V	1000V
Insulation material	PPOmaterial	PPOmaterial
Conductor material	Copper tinned	Copper tinned
Ambient temperature	-40°C ~+90°C	-40°C ~+90°C
Product temperature resistance	-40°C ~+135°C	-40°C ~+135°C
Safety class	DCII	DCII
Waterproof grade	IP68	IP68
Contact resistance	≤0.35mΩ	≤0.35mΩ
Connection system	Multi-point connection	Multi-point connection
Self-locking system	Embedded	Embedded
Extraction force	≥50N	≥50N
Insertion force	≤50N	≤50N
Rated current	10A/ 15A/20A/30A	10A/ 15A/20A/30A
Flame retardant grade	UL94 -VO	UL94 -VO

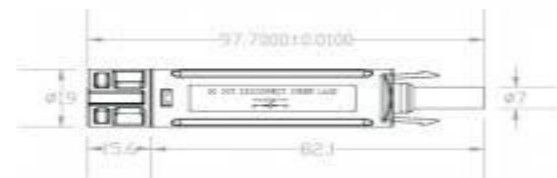
# PV-connector

## PV Fuses

Model: MC-F



Model: MC-F (NEW)



Model	MC-F	MC-F (NEW)
Rated voltage	1000V	1000V
Insulation material	PPOmaterial	PPOmaterial
Conductor material	Copper tinned	Copper tinned
Ambient temperature	-40°C ~+90°C	-40°C ~+90°C
Product temperature resistance	-40°C ~+135°C	-40°C ~+135°C
Safety class	DCII	DCII
Waterproof grade	IP68	IP68
Contact resistance	≤0.35mΩ	≤0.35mΩ
Connection system	Multi-point connection	Multi-point connection
Self-locking system	Embedded	Embedded
Extraction force	≥50N	≥50N
Insertion force	≤50N	≤50N
Rated current	10A/ 15A/20A/ 30A	10A/ 15A/20A/ 30A
Flame retardant grade	UL94 -VO	UL94 -VO

## 1500VPV Fuses

Model: MC-1515F



Model A



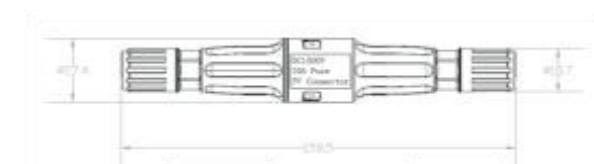
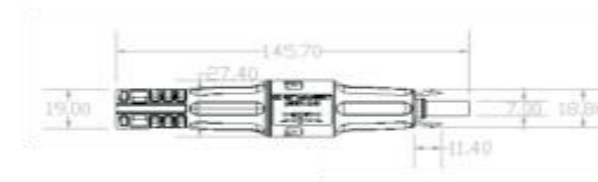
Model B



Model C



Model D



Model	MC-1515F (Model A)	MC-1515F (Model B)	MC-1515F (Model C)	MC-1515F (Model D)
Rated voltage	1500V	1500V	1500V	1500V
Insulation material	PPOmaterial	PPOmaterial	PPOmaterial	PPOmaterial
Conductor material	Copper tinned	Copper tinned	Copper tinned	Copper tinned
Ambient temperature	-40°C ~+90°C	-40°C ~+90°C	-40°C ~+90°C	-40°C ~+90°C
Product temperature resistance	-40°C ~+135°C	-40°C ~+135°C	-40°C ~+135°C	-40°C ~+135°C
Safety class	DCII	DCII	DCII	DCII
Waterproof grade	IP68	IP68	IP68	IP68
Contact resistance	≤0.35mΩ	≤0.35mΩ	≤0.35mΩ	≤0.35mΩ
Connection system	Multi-point connection	Multi-point connection	Multi-point connection	Multi-point connection
Self-locking system	Embedded	Embedded	Embedded	Embedded
Extraction force	≥50N	≥50N	≥50N	≥50N
Insertion force	≤50N	≤50N	≤50N	≤50N
Rated current	10A/ 15A/20A/ 30A	10A/ 15A/20A/ 30A	10A/ 15A/20A/ 30A	10A/ 15A/20A/ 30A
Flame retardant grade	UL94 -VO	UL94 -VO	UL94 -VO	UL94 -VO





Special extension cable  
for pv power generation  
system

The connectors are made of PPO and XLPE as insulation sheaths and tinned copper as conductors. They are dustproof, waterproof, resistant to purple wires, easy to install, safe and have a long service life.

This product is compatible with all standard photovoltaic connectors and is commonly used to connect solar cell panels.

**Special extension cable for solar pv power generation system  
custom lengths available**

**PV-connector**

Model: MC-C

Double-ended connectors



Single Head Connector



Dual parallel connectors



**Custom Extension Cord Gallery**



# PV-connector

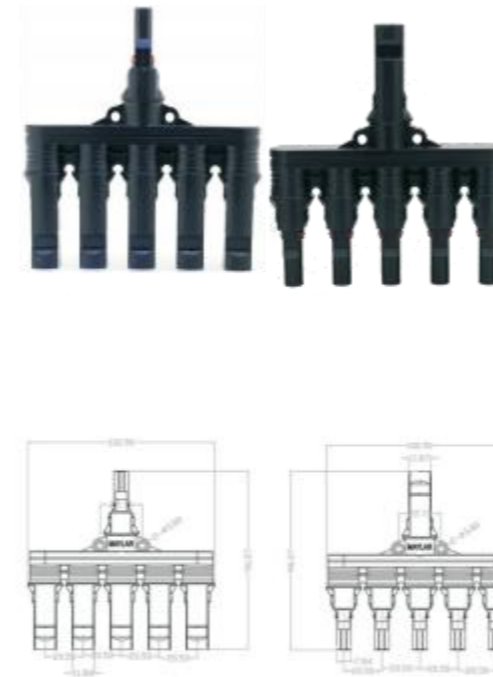
Model: MCH201



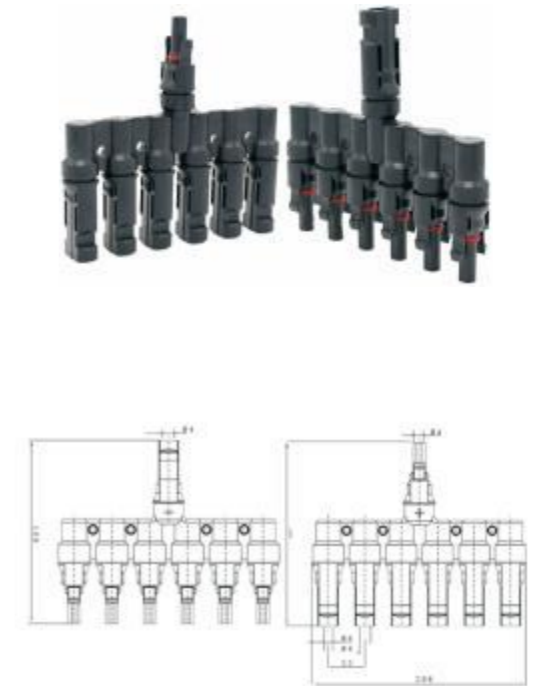
Model: MCH301



Model: MCH501



Model: MCH601



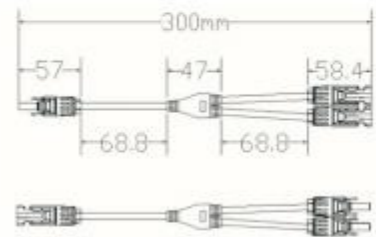
Model: MCH401



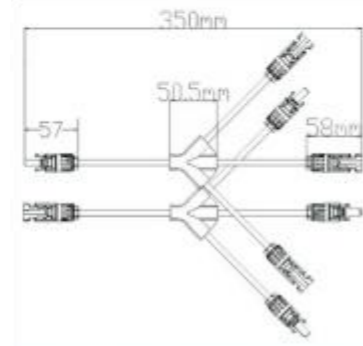
Model	MCH201	MCH301	MCH401	MCH501	MCH601
Rated voltage	1000V	1000V	1000V	1000V	1000V
Insulation material	PPOmaterial	PPOmaterial	PPOmaterial	PPOmaterial	PPOmaterial
Conductor material	Copper tinned	Copper tinned	Copper tinned	Copper tinned	Copper tinned
Ambient temperature	-40°C ~ +90°C	-40°C ~ +90°C	-40°C ~ +90°C	-40°C ~ +90°C	-40°C ~ +90°C
Product temperature resistance	-40°C ~ +135°C	-40°C ~ +135°C	-40°C ~ +135°C	-40°C ~ +135°C	-40°C ~ +135°C
Safety class	DCII	DCII	DCII	DCII	DCII
Waterproof grade	IP68	IP68	IP68	IP68	IP68
Contact resistance	≤0.35mΩ	≤0.35mΩ	≤0.35mΩ	≤0.35mΩ	≤0.35mΩ
Connection system	Multi-point connection	Multi-point connection	Multi-point connection	Multi-point connection	Multi-point connection
Self-locking system	Embedded	Embedded	Embedded	Embedded	Embedded
Extraction force	≥50N	≥50N	≥50N	≥50N	≥50N
Insertion force	≤50N	≤50N	≤50N	≤50N	≤50N
Rated current	50A	50A	50A	50A	50A
Flame retardant grade	UL94 -VO	UL94 -VO	UL94 -VO	UL94 -VO	UL94 -VO

# PV-connector

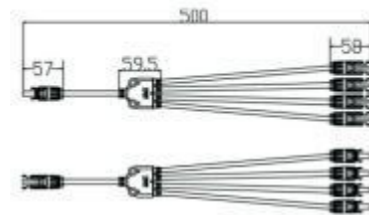
Model: MCY201



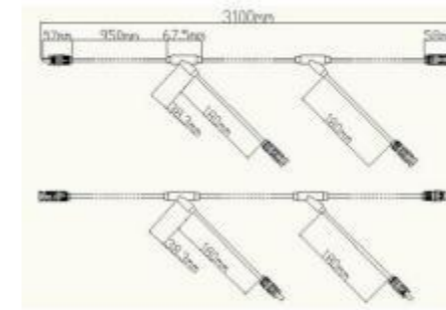
Model: MCY301



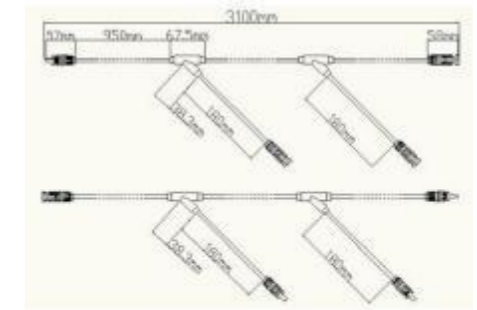
Model: MCY401



Model: MC-2Y



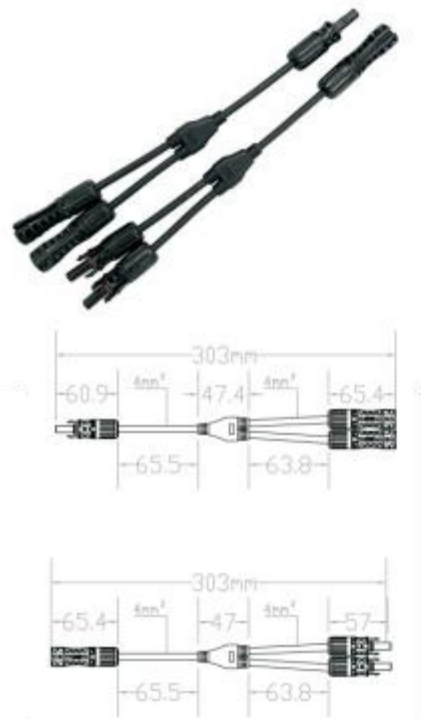
Model: MC-3Y



Model	MCY201	MCY301	MCY401	MC-2Y	MC-3Y
Rated voltage	1000V	1000V	1000V	1000V	1000V
Insulation material	PPOmaterial	PPOmaterial	PPOmaterial	PPOmaterial	PPOmaterial
Conductor material	Copper tinned	Copper tinned	Copper tinned	Copper tinned	Copper tinned
Ambient temperature	-40°C ~ +90°C	-40°C ~ +90°C	-40°C ~ +90°C	-40°C ~ +90°C	-40°C ~ +90°C
Product temperature resistance	-40°C ~ +135°C	-40°C ~ +135°C	-40°C ~ +135°C	-40°C ~ +135°C	-40°C ~ +135°C
Safety class	DCII	DCII	DCII	DCII	DCII
Waterproof grade	IP68	IP68	IP68	IP68	IP68
Contact resistance	≤0.35mΩ	≤0.35mΩ	≤0.35mΩ	≤0.35mΩ	≤0.35mΩ
Connection system	Multi-point connection	Multi-point connection	Multi-point connection	Multi-point connection	Multi-point connection
Self-locking system	Embedded	Embedded	Embedded	Embedded	Embedded
Wiring specifications	4mm <sup>2</sup>	4mm <sup>2</sup>	4mm <sup>2</sup> /6mm <sup>2</sup>	4mm <sup>2</sup>	2.5mm <sup>2</sup> , 4mm <sup>2</sup> , 6mm <sup>2</sup>
Wiring method	Crimp	Crimp	Crimp	Crimp	Crimp
Rated current	30A	30A	30A	1.5mm <sup>2</sup> :17A 2.5mm <sup>2</sup> :22.5A 4mm <sup>2</sup> ~6mm <sup>2</sup> :30A	1.5mm <sup>2</sup> :17A 2.5mm <sup>2</sup> :22.5A 4mm <sup>2</sup> ~6mm <sup>2</sup> :30A
Flame retardant grade	UL94 -VO	UL94 -VO	UL94 -VO	UL94 -VO	UL94 -VO

# PV-connector

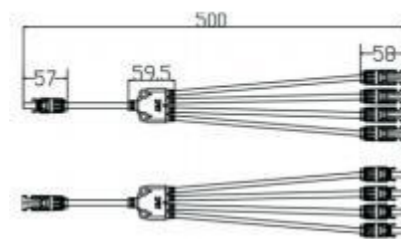
Model: 15MCY201



Model: 15MCY301



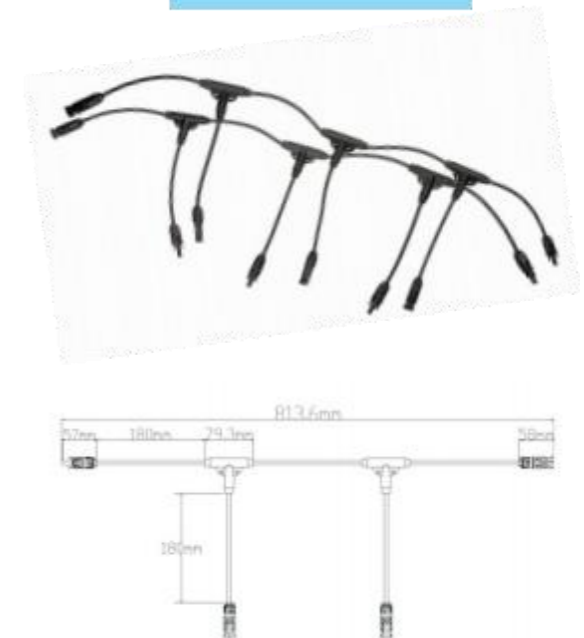
Model: 15MCY401



Model: MC-2T



Model: MC-3T



Model	15MCY201	15MCY301	15MCY401	MC-2T	MC-3T
Rated voltage	1500V	1500V	1500V	1000V	1000V
Insulation material	PPOmaterial	PPOmaterial	PPOmaterial	PPOmaterial	PPOmaterial
Conductor material	Copper tinned	Copper tinned	Copper tinned	Copper tinned	Copper tinned
Ambient temperature	-40°C ~ +90°C	-40°C ~ +90°C	-40°C ~ +90°C	-40°C ~ +90°C	-40°C ~ +90°C
Product temperature resistance	-40°C ~ +135°C	-40°C ~ +135°C	-40°C ~ +135°C	-40°C ~ +135°C	-40°C ~ +135°C
Safety class	DCII	DCII	DCII	DCII	DCII
Waterproof grade	IP68	IP68	IP68	IP68	IP68
Contact resistance	≤0.35mΩ	≤0.35mΩ	≤0.35mΩ	≤0.35mΩ	≤0.35mΩ
Connection system	Multi-point connection	Multi-point connection	Multi-point connection	Multi-point connection	Multi-point connection
Self-locking system	Embedded	Embedded	Embedded	Embedded	Embedded
Wiring specifications	4mm <sup>2</sup>	4mm <sup>2</sup>	4mm <sup>2</sup> /6mm <sup>2</sup>	4mm <sup>2</sup>	2.5mm <sup>2</sup> , 4mm <sup>2</sup> , 6mm <sup>2</sup>
Wiring method	Crimp	Crimp	Crimp	Crimp	Crimp
Rated current	30A	30A	30A	1.5mm <sup>2</sup> :17A 2.5mm <sup>2</sup> :22.5A 4mm <sup>2</sup> ~6mm <sup>2</sup> :30A	1.5mm <sup>2</sup> :17A 2.5mm <sup>2</sup> :22.5A 4mm <sup>2</sup> ~6mm <sup>2</sup> :30A
Flame retardant grade	UL94 -VO	UL94 -VO	UL94 -VO	UL94 -VO	UL94 -VO

# PV- connector MC Adaptor



## Model: MC-ADB50

PV-connector(PV-MC)

- Conductor material: Copper
- Length: 60cm(Can be customized)
- Wire gauge: 1107red and black4mm<sup>2</sup>
- Input connector: PV-MC Hermaphrodite connector
- Output connector: Anderson Hermaphrodite connector
- Product weight: 163g
- Use: Used in solar panel charging kit, monocrystalline, polycrystalline solar panel power cable, solar controller DC power conversion power connection.



## Model: MC-SAE065R

SAE PV-connector(PV-MC)

- Conductor material: Copper
- Length: 35cm(Can be customized)
- Wire gauge: 2468red and black4mm<sup>2</sup>
- Input connector: SAE plug
- Output connector: PV-MCHermaphrodite connector
- Current: 1-30A
- Voltage: 1-36V
- Use: In the car peripheral products. LED outdoor lights, solar pack charging cable, mobile power to car. Carrying small appliances, battery car conversion power

## Model: MC-SAE065

SAE PV-connector

- Conductor material: Copper
- Length: 35cm(Can be customized)
- Wire gauge: 2468Double black4mm<sup>2</sup>
- Input connector: SAE plug
- Output connector: PV-MCHermaphrodite connector
- Current: 1-30A
- Voltage: 1-36V



## Model: MC-ADS45

PV-connector(PV-MC)

- Conductor material: Copper
- Length: 100cm(Can be customized)
- Wire gauge: 2468red and black4mm<sup>2</sup>
- Input connector: PV-MC Hermaphrodite connector
- Output connector: Anderson Hermaphrodite connector
- Product weight: 110g
- Use: Used in solar panel charging kit, monocrystalline, polycrystalline solar panel power cable, solar controller DC power conversion power connection.



## Model: MC-LP20

LP-20 PV-connector(PV-MC)

- Conductor material: Copper
- Length: 40cm(Can be customized)
- Wire gauge: 1015red and black10A WG wire(5 square copper)
- Input connector: PV-MCHermaphrodite connector
- Output connector: LP-20 2P Plug
- Product weight: 110g
- Use: Used in solar panel charging kit, monocrystalline, polycrystalline solar panel power cable, solar controller DC power conversion power connection.

# PV- connector MC Adaptor



## Model: MC-DC5521

DC5521 Plug (Match DC35135 and DC5525) to PV-connector (PV-MC)

- Conductor material: Copper
- Input connector: PV-MC Hermaphrodite connector
- Output connector: DC5521 Plug
- Wire gauge: Main line 2464 black 16AWG wire 85cm, sub line 1015 red and black 16AWG 35cm (Can be customized)
- Product weight: 103g
- Use: Used in solar panel charging kit, Solar controller DC power to Power conversion connection, motorcycle, motorcycle charging.



## Model: MC-DC4017

DC4017 Plug Output line to PV-connector (PV-MC)

- Conductor material: Copper
- Input connector: PV-MC Hermaphrodite connector
- Output connector: DC4017 Plug
- Wire gauge: Main line 2464 black 22AWG wire 70cm, sub line 2464 red and black 18AWG 30cm (Can be customized)
- Product weight: 75g
- Use: Used in solar panel charging kit, Solar controller DC power to Power conversion connection, motorcycle, motorcycle charging.

## Model: MC-DC7909

DC7909 Plug Output line to PV-connector (PV-MC)

- Conductor material: Copper
- Input connector: PV-MC Hermaphrodite connector
- Output connector: DC7909 Plug
- Wire gauge: Main line 2464 black 16AWG wire 85cm, sub line 1015 red and black 16AWG 35cm (Can be customized)
- Product weight: 100g
- Use: Used in solar panel charging kit, Solar controller DC power to Power conversion connection, motorcycle, motorcycle charging.



## Model: MC-DC35135

DC35135 Plug Output line to PV-connector (PV-MC)

- Conductor material: Copper
- Input connector: PV-MC Hermaphrodite connector
- Output connector: DC35135 Plug
- Wire gauge: Main line 2464 black 22AWG wire 70cm, sub line 2464 red and black 18AWG 30cm (Can be customized)
- Product weight: 75g
- Use: Used in solar panel charging kit, Solar controller DC power to Power conversion connection, motorcycle, motorcycle charging.



## Model: MC-DC045

DC5521 Plug (Match DC35135 and DC5525) to PV-connector (PV-MC)

- Conductor material: Copper
- Input connector: PV-MC Hermaphrodite connector
- Output connector: DC5521 Plug
- Current: 12A
- Voltage: 12V
- Power: 150W
- Wire gauge: SPT2 black 16AWG wire (1.3 square copper), 150cm (can be customized)
- Product weight: 99g
- Use: Used in solar panel charging kit, Solar controller DC power to Power conversion connection, motorcycle, motorcycle charging.

# PV-connector Toolkit And PVC

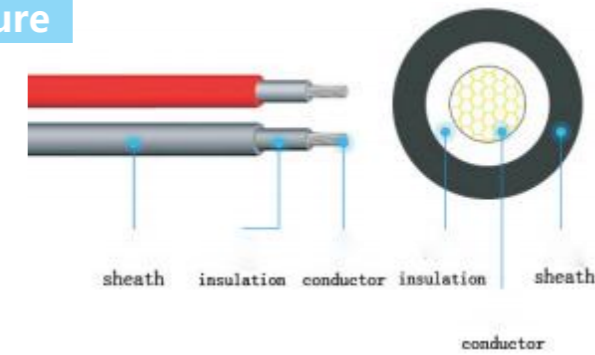


PV-connector Toolkit

1. **Crimping pliers**
  - Crimp range: 2.5-6 mm<sup>2</sup>
  - Length: 270 mm
  - Weight: 0.74Kg
2. **Wire cutting pliers**
3. **PV-connector wrench**
4. **Wire stripping pliers**
  - Cutting wire: ≤30 mm<sup>2</sup>
  - Strip wire: 0.9-6.0 mm<sup>2</sup>
  - Length: 165 mm
  - Weight: 0.16 Kg
5. **Large crimping pliers**
  - Crimp range: 6-50 mm<sup>2</sup>



## Single core wire structure



Item	Unit	Technical parameter		
Rated temperature	°C	-40~+90		
Voltage Rated Rating	ac/dc(kv)	AC U <sub>0</sub> /U <sub>0</sub> .6~ 1.0kv, DC1.5kv		
Cable Core	No.	1		
Cross-Section Area	mm	2.5	4.0	6.0
Diameter of wires/ Number	NO./mm	36/0.285mm	56/0.285mm	84/0.285mm
Thickness of the Insulation	mm	≥0.65	≥0.75	≥0.8
Thickness of the Sheath	mm	≥0.65	≥0.7	≥0.75
Outer Dia.	mm	5.3±0.1	5.8±0.1	6.6±0.1
Conductor resistance (20°C)	Ω/km	≤8.21	≤5.09	≤3.39
Voltage test on completed cable	kV/min	6.5/5 No breakdown		

# PV Cable

- Insulation material: irradiated cross-linked polyolefin
- Conductor material: stranded tinned copper wire
- Sheath material: irradiated cross-linked polyolefin
- Rated voltage: 1,000,000 V/ 1,500,000 V
- Strong anti-aging and violet resistance
- Certificate: T UV



## Double core wire structure



Item	Unit	Technical parameter		
Rated temperature	°C	-40~+90		
Voltage Rated Rating	ac/dc(kv)	AC U <sub>0</sub> /U <sub>0</sub> .6~ 1.0kv, DC1.5kv		
Cable Core	No.	2		
Cross-Section Area	mm <sup>2</sup>	2.5	4.0	6.0
Diameter of wires/ Number	NO./mm	36/0.285mm x2	56/0.285mm x2	84/0.285m
Thickness of the Insulation	mm	≥0.65	≥0.75	m x2
Thickness of the Sheath	mm	≥0.65	≥0.7	≥0.8
Outer Dia.	mm	11.5x5.3±0.2	13.0x5.8±0.2	≥0.75
Conductor resistance (20°C)	Ω/km	≤8.21	≤5.09	15x7.0±0.2-
Voltage The service life of the theory	kV/min	6.5/5 No breakdown ≤3.39		

## Pack And Ship



**Factory shipping, trustworthy!**