



Product Overview 2022



1300 818 419  
[pvconnections.com.au](http://pvconnections.com.au)

Install *with confidence*

# Our Story

Every great company has a cheesy backstory, but...PV Connections was not formed in our parents garage with our grandmas sewing machine. We fell in love with the solar industry back in the dark ages of 2009, when we were introduced to DC Isolators and 4 Pole enclosures whilst in the family business. Like any young boys in 2009 would've done, we began an empire. One thing lead to the next, and now your reading this, our story made simple. We founded PV Connections on the basis of quality, not price. So only come to us if your wanting to make your job easy, save time and look good doing it.

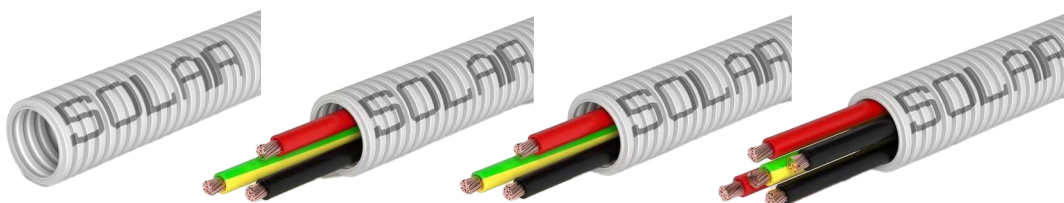


## CONDUIT

➤ **Solarflex Pre-wired Conduit**

➤ **Non-wired Conduit**

➤ **Fittings & Accessories**



## ISOLATION AND PROTECTION

- *DC Isolation*
- *AC Isolation*
- *DC System Protection*
- *Weathershields*
- *Accessories*



## DISTRIBUTION ENCLOSURES

- *IP66 2-4 Clear & Grey Lid Pole Water-proof Enclosure*
- *IP65 4, 8, 12, 24 & 36 Pole Weather-proof Enclosure*
- *GRP Enclosures*



## CABLE AND CONNECTIONS

- *IEC62930 Solar Cable*
- *Genuine MC4 Female & Male Connectors, Sockets & Plugs*
- *Earth Solar Cable*



## CABLE MANAGEMENT

- *Cable Glands*
- *Roof Seals*
- *Cable Ties & Clips*
- *Solar Duct*



## LABELLING

- *Individual Labels*
- *Custom Shutdowns*
- *AS5033:2021 Label Kits*

**SHUTDOWN PROCEDURE**

1. Turn off the 'MAIN SWITCH (INVERTER SUPPLY) or 'INVERTER A.C. ISOLATOR'
2. Turn off the PV Array D.C. Isolator located at the Inverter

"WARNING" DO NOT OPEN PLUG AND SOCKET CONNECTORS OR PV STRING ISOLATOR UNDER LOAD

*your logo*      System Installed by:  
Solar and Electrical  
1300 818 419



**WARNING**  
MULTIPLE WIRE STRINGS CONNECTED TO PV PANELS AND BATTERY SYSTEMS MAY CAUSE FIRE UNDER FULL CONDITIONS FOLLOW SHUTDOWN PROCEDURE

**WARNING**  
MULTIPLE ENERGY SOURCES TURN OFF ALL ISOLATORS TO ISOLATE INVERTER

**WARNING**  
ARC FLASH HAZARD  
ARC FLASH HAZARD APPROPRIATE PPE AND TOOLS IS REQUIRED WHILE WORKING ON THIS EQUIPMENT

**WARNING**  
PV ARRAY OR ISOLATOR AND BATTERY SYSTEM ISOLATORS DO NOT BE ENERGISED IF THE PV ARRAY BATTERY SYSTEM OR ARRAY SYSTEM CABLES

**SHUTDOWN PROCEDURE**

1. Turn off the MAIN SWITCH (INVERTER SUPPLY) or 'INVERTER A.C. ISOLATOR'
2. Turn off BATTERY SYSTEM ISOLATOR located at the inverter
3. Turn off the PV ARRAY D.C. ISOLATOR located at the inverter

"WARNING" DO NOT OPEN PLUG AND SOCKET CONNECTORS OR PV STRING ISOLATOR UNDER LOAD

BATTERY SYSTEM SHORT CIRCUIT CURRENT \_\_\_\_\_ A  
MAX DC VOLTS \_\_\_\_\_ V

BATTERY SYSTEM ISOLATOR

BATTERY SYSTEM  
SHORT CIRCUIT CURRENT \_\_\_\_\_ A  
MAX DC VOLTS \_\_\_\_\_ V  
HAZARDOUS D.C. VOLTAGE

**ES**  
UN No.: 3480



MAIN SWITCH  
INVERTER  
SUPPLY

**SOLAR DC**

INVERTER A.C  
ISOLATOR

## INSTALLATION ACCESSORIES

- *Installation Accessories*
- *Installation Tools*





***Making installs  
safer, faster and  
easier through  
quality and  
innovation.***

**PV Connections**

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