



## MAIN JUNCTION BOX

### Rooftop Solar PV Application

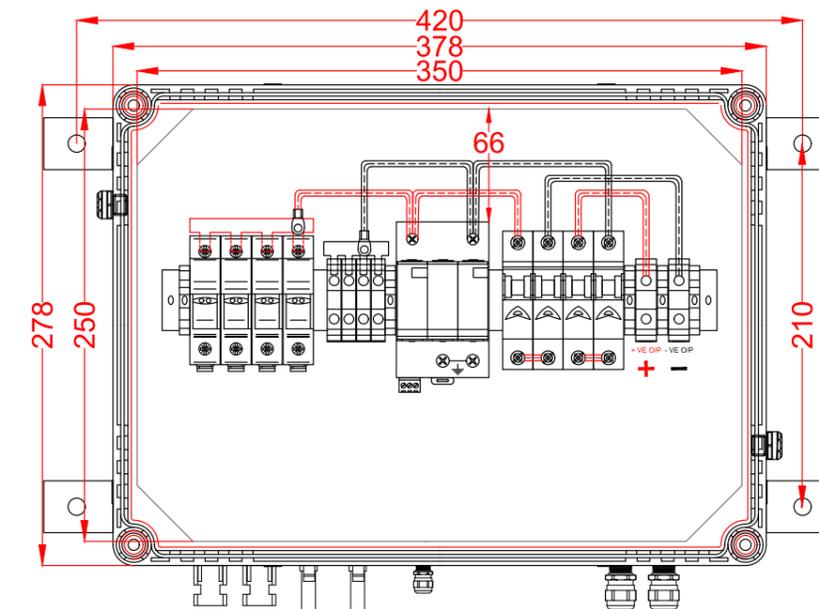


### Highlights

- Main Junction Box is used to combine output from several Array Junction Boxes and connect it to DC Distribution Box or to Power Conditioning Unit/Solar Invertor.
- The MJB consists of Two Sections.
  - One to combine all the Positive Terminals.
  - Second to combine the Negative Terminals on the other side.
- Tested under strict industry norms by experts to guarantee flawless functioning and durability.
- Main Junction Boxes are made from high quality Thermoplastic (ABS) with the use of latest technology and is suitable for a range of Solar Power applications such as standalone Rooftop Systems, Hybrid Systems etc.
- Main Junction Boxes are Dust, Vermin & Waterproof.
- Fitted with cable glands of appropriate sizes for both incoming and outgoing cables.

### Key Features:-

- HPL Main Junction Boxes are tested and certified as per IEC 61439-1 standard up-to operating voltage of 1000 V DC.
- The enclosure is made of high quality poly-carbonate.
- Degree of protection IP-65/66
- Tailor made product customised as per customer needs.
- Capable of blocking reverse flow of current from battery to solar panels.
- Reliable electric safety to avoid hazard.
- Obstructs sudden surges due to lightning strokes during cloudy and rainy conditions and ground the surges immediately.
- Fuses for overload protection on each string.
- Available in reverse blocking diodes (option).
- Easy DC-termination.
- Easy and decent Cable management.
- Space saving and orientation flexibility.



Model	Description	
MJB-0201	2 IN 1 OUT	For Combining 2 Solar AJB
MJB-0301	3 IN 1 OUT	For Combining 3 Solar AJB
MJB-0401	4 IN 1 OUT	For Combining 4 Solar AJB
MJB-0501	5 IN 1 OUT	For Combining 5 Solar AJB
MJB-0601	6 IN 1 OUT	For Combining 6 Solar AJB
MJB-0701	7 IN 1 OUT	For Combining 7 Solar AJB
MJB-0801	8 IN 1 OUT	For Combining 8 Solar AJB