

# SOLARLOK MEDIUM JUNCTION BOX

## SMART PCB ENCLOSURE

The SOLARLOK Medium Smart Junction Box enables the integration of a Printed Circuit Board into the solution. The enclosure (junction box itself with no PCB\*) is TUV and UL approved. Special clips allow you to quickly and reliably connect your PCB to the solar panel foils.



\*Junction box is supplied with no printed circuit board.

### Applications

- Solar panels

### Electrical

- **Rated Voltage (Junction Box):** 1000 / 1500 (UL)  
1000 / 1500 (TUV)  
IEC and UL have to be approved separately depending upon the PCB enclosed
- **Rated Current:** Depends on the designed electronics of the pcb

### Mechanical

- **Operating Temperature:** -40 °C to 90 °C
- **Protection degreed:** IP 65/67

### Specifications

- **Application Specification:** [114-13303-1](#)
- **Product Specification:** 108-133063
- **Instruction Sheet:** [408-133063](#)
- RoHS & REACH compliant

### Materials

- Polyphenyl Ether (PPE)
- Polystyrene (PS)

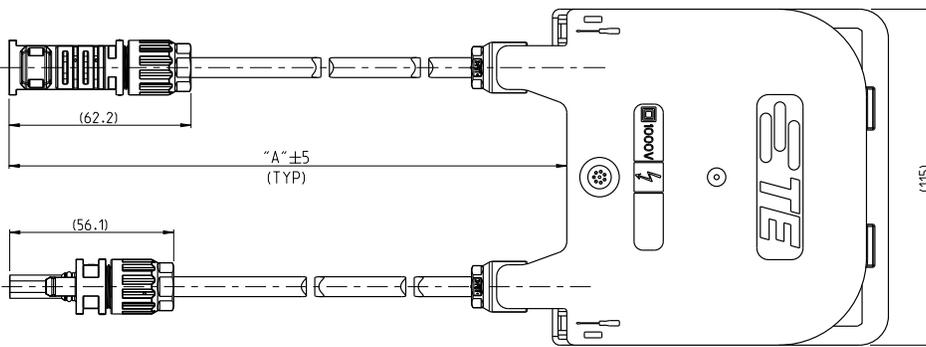
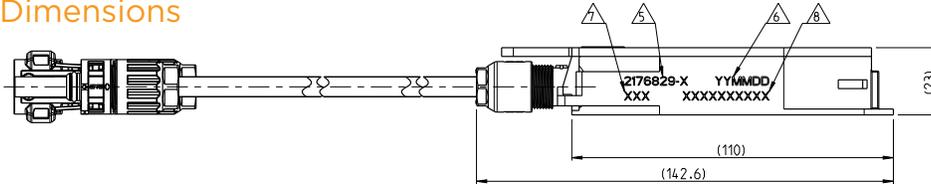
### Benefits

- Enclosing a PCB enables:
  - Monitoring the functionality of your Junction Box
  - Adapting your Junction Box to meet changing conditions
  - Shutting down remotely when required

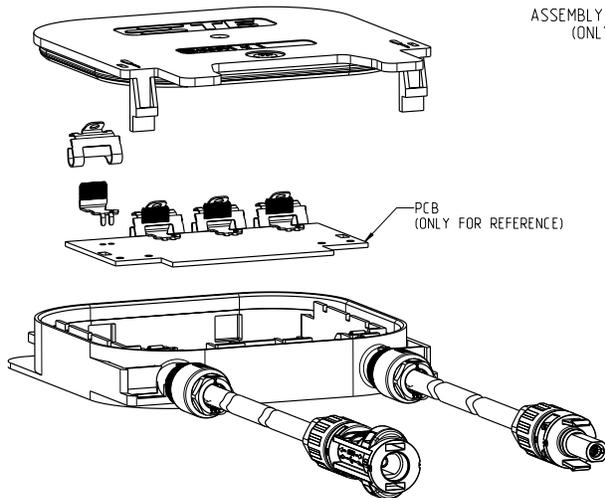
Product Selection Information

Part Number	Description	Cable Length (Millimeters)
<a href="#">2176829-1</a>	Medium Smart PCB JBox	1000mm
<a href="#">2176829-2</a>	Medium Smart PCB JBox	2700mm
<a href="#">2176829-3</a>	Medium Smart PCB JBox	1000mm
<a href="#">2176829-4</a>	Medium Smart PCB JBox	680mm

Dimensions



ASSEMBLY SHOWN INCLUDES PCB  
(ONLY FOR REFERENCE)



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