

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 degree:** IP 65/67

Specifications

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

Materials

- Polyphenyl Ether (PPE)
- Polystyrene (PS)

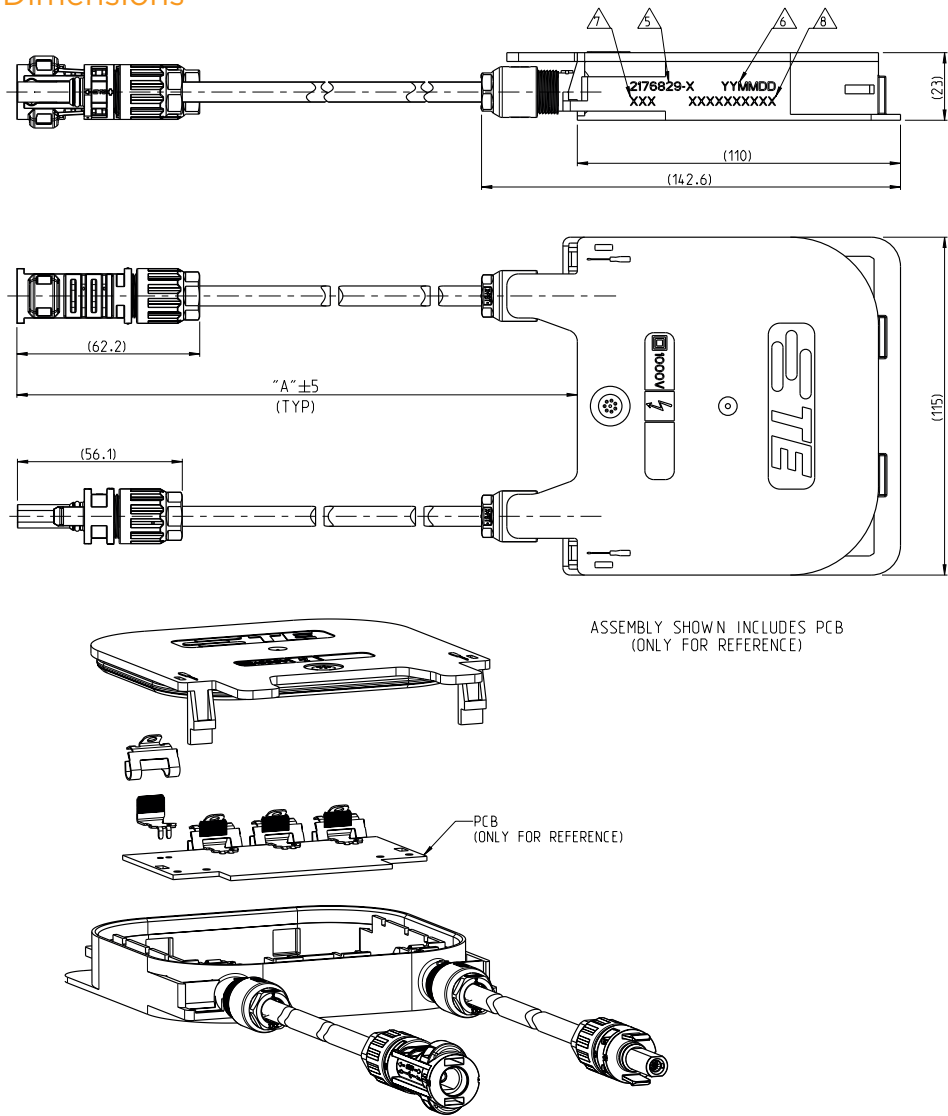
Key Benefits

- 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)
2176829-1	MEDIUM SMART PCB JBOX	1000MM
2176829-2	MEDIUM SMART PCB JBOX	2700MM
2176829-3	MEDIUM SMART PCB JBOX	1000MM
2176829-4	MEDIUM SMART PCB JBOX	680MM

Dimensions



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USA: +1 (800) 522-6752
Canada: +1 (905) 475-6222
Mexico: +52 (0) 55-1106-0800
Latin/S. America: +54 (0) 11-4733-2200
Germany: +49 (0) 6251-133-1999

UK: +44 (0) 800-267666
France: +33 (0) 1-3420-8686
The Netherlands: +31 (0) 73-6246-999
China: +86 (0) 400-820-6015