

SOLARLOK PCB ENCLOSURE SMART JUNCTION BOX

The SOLARLOK PCB enclosure smart junction box enables the integration of a Printed Circuit Board into the solution. The enclosure (junction box itself with no PCB) is TUV/IEC 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
- Smart solar solutions

Electrical

- **Withstanding Voltage:** 1000V DC / 1500V DC (UL) IEC and UL 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:** IP65/67

Specifications

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

Materials

- Polyphenyl Ether (PPE)
- Polystyrene (PS)

Standards

- Designed to meet UL3730 and IEC62790

Benefits

- Allows customers to apply a specific PCB
- Enables the rework and replacement of the PCB
- Provides a highly reliable enclosure for a PCB

PV4-S connectors:

- Provides waterproof protection and is rated IP68 (1 m / 24 hours)
- Minimizes power loss by providing low contact resistance

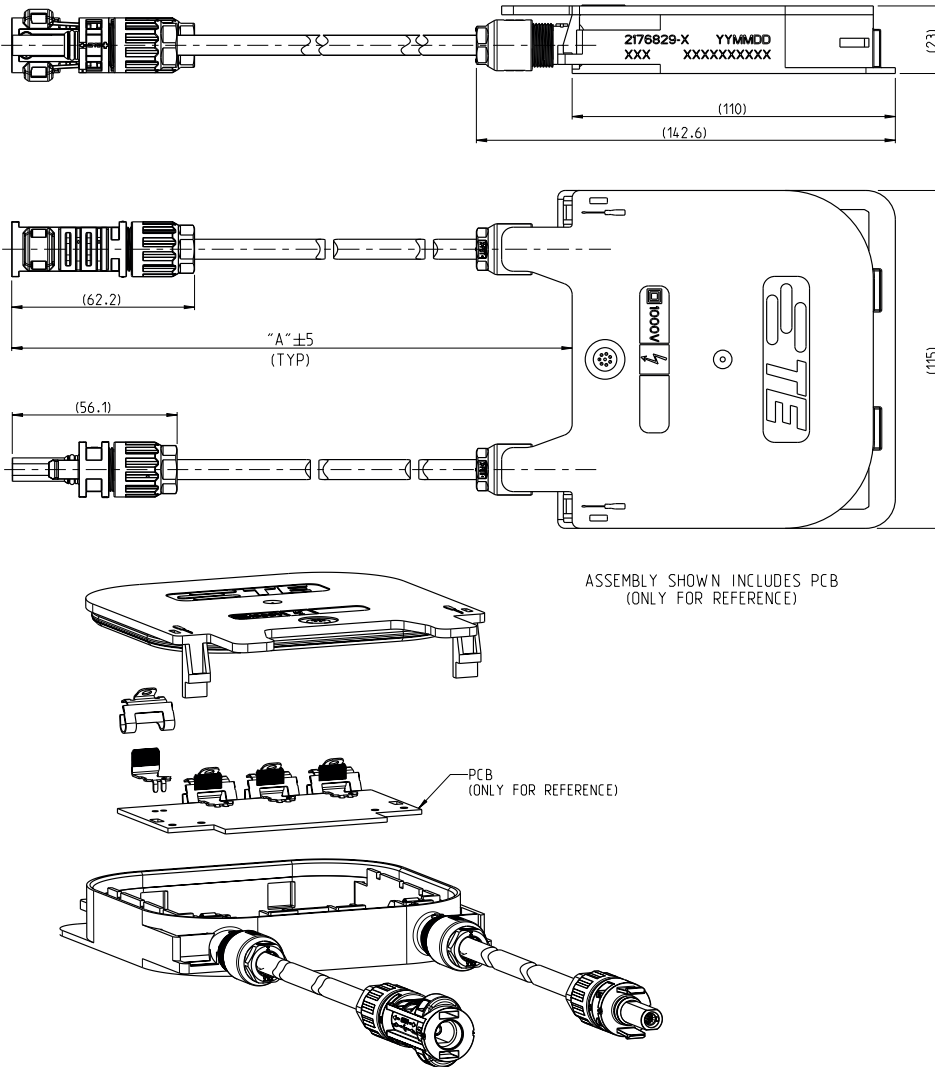
PCB Recommended Dimensions

- **Length x width:** 51 mm x 94 mm (width = contact-rail-side)

Product Selection Information

Part Number	Description	Cable Length (millimeters)	Contact and clip
2326862-1	MEDIUM SMART PCB JUNCTION BOX	1000	2 X CONTACT RAILS + 2 X S-CLIP
2326862-3	MEDIUM SMART PCB JUNCTION BOX	1000	4 X CONTACTS RAILS + 4 X S-CLIP

Dimensions



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