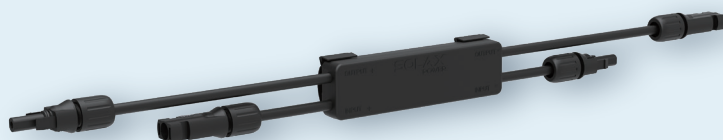


Rapid Shutdown Device



XRSD-1C

Prioritizing safety and rapid shutdown capabilities, the XRSD series offers a sophisticated module-level solution that guarantees the smooth functioning of both new and existing PV systems. Once activated by the SolaX Transmitter—XRSD-Core Kit, the XRSD modules ensure your connected PV system remains operational.

In case of emergencies, you have multiple shutdown options: either remotely control each individual panel, toggle the AC breaker on the Transmitter, or engage the E-STOP button. This versatility makes the XRSD system a reliable safety measure for quick deactivation of your PV system as needed.

Note: To achieve rapid shutdown, please use with the TRANSMITTER KIT (Model: XRSD-CORE KIT).



High Efficiency

- 20A high-current compatibility across multiple PV brands
- Lower power consumption & wider operating voltage



Ultimate Safety

- Ultra-fast shutdown within seconds
- Independent module-level control for maximum efficiency



Robust Reliability

- IP68 ultimate protection for outdoor use
- Wide operating temperature range (-40 to 65°C), stable performance in extreme environments



User-friendly Design

- Lightweight, compact size for simplified logistics
- Plug-and-play for fast installation

XRSD-1C

ELECTRICAL DATA	
Input voltage range	8 ~ 80 V
Output voltage range	8 ~ 80 V
Max. PV input current	20 A
Max. short circuit current	26 A
Recommended fuse rating	30 A
Maximum system voltage	1500 V
MECHANICAL	
Dimensions (without cables and connectors)	130 × 36 × 21 mm
Weight	400 g
Input connectors	MC4 (Standard)
Input cable length	0.2 m
Output connectors	MC4 (Standard)
Output cable length	1.2 m
Communication type	PLC
ENVIRONMENT LIMIT	
Protection class	IP68 / NEMA6P
Operating temperature range	-40 ~ 65°C
COMPLIANCE	
Safety	EN 62109-1:2010
EMC	EN IEC 61000-6-1 / 2 / 3 / 4; EN IEC 61000-3-2 / 3 / 11 / 12; EN 55011