



NEW FROM SOLAX TRANSMITTER KIT XRSD-CORE KIT

Description

The Solax XRSD-Core Kit, in tandem with Rapid Shutdown Devices, forms a crucial segment of the Solax rapid shutdown system. Here's how it functions:

- Once activated, it continuously sends a keep-alive signal to the XRSD, ensuring a stable connection between the PV modules and the string inverter.
- In the event of a power down in the XRSD-Core Kit, the XRSD swiftly transitions to a quick shutdown mode, temporarily suspending energy generation.
- Upon restoring power to the XRSD-Core Kit, energy production resumes seamlessly and without delay.

Furthermore, the kit is endowed with bidirectional PLC communication capabilities. When paired with the optional monitoring dongle, it facilitates module-level monitoring. This setup allows the XRSD-Core Kit to transmit data, gathered by the XRSD from the PV panels, directly to the Solax cloud through the monitoring dongle.

Note: To achieve rapid shutdown, please use with the Rapid Shutdown Device. (You can choose from models of XRSD-1C or XRSD-2C)

Features

- 1 Module-level rapid shutdown with Solax XRSD
- 2 Module-level monitoring (optional)
- 3 IP 65
- 4 Realize rapid shutdown by simply powering off the Core Kit or using an E-STOP button
- 5 Up to 2 cores per transmitter
- 6 Power supply and WiFi Modules(optional)

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TRANSMITTER KIT

XRSD-CORE KIT

ELECTRICAL DATA	
Power supply input voltage [Vac]	85-264
Transmitter input voltage [Vdc]	12 (+/-2%)
Transmitter input current [A]	1
CORE	
Max. Number of core	2
Max. Current per core	150
Max. String voltage [Vdc]	1500
Diameter [mm]	~31 (Inner) /52(Outer)
Max. Number of strings per core*	11
MECHANICAL	
Dimensions (W x H x D) [mm]	200 x 300 x 170
ENVIRONMENT LIMIT	
Protection class	IP65
Operating temperature range[°C]	-40 to +75
COMPLIANCE	
Safety	IEC/EN62109-1/-2, EN IEC 61000-6-1/2/3/4

* Note: According to the cable diameter Φ 6 mm, if cable diameter is more than Φ 6 mm, Strings Per Core will be reduced. Extra precaution must be taken to avoid exceeding the permissible current limit.