Tigo® Flex MLPE
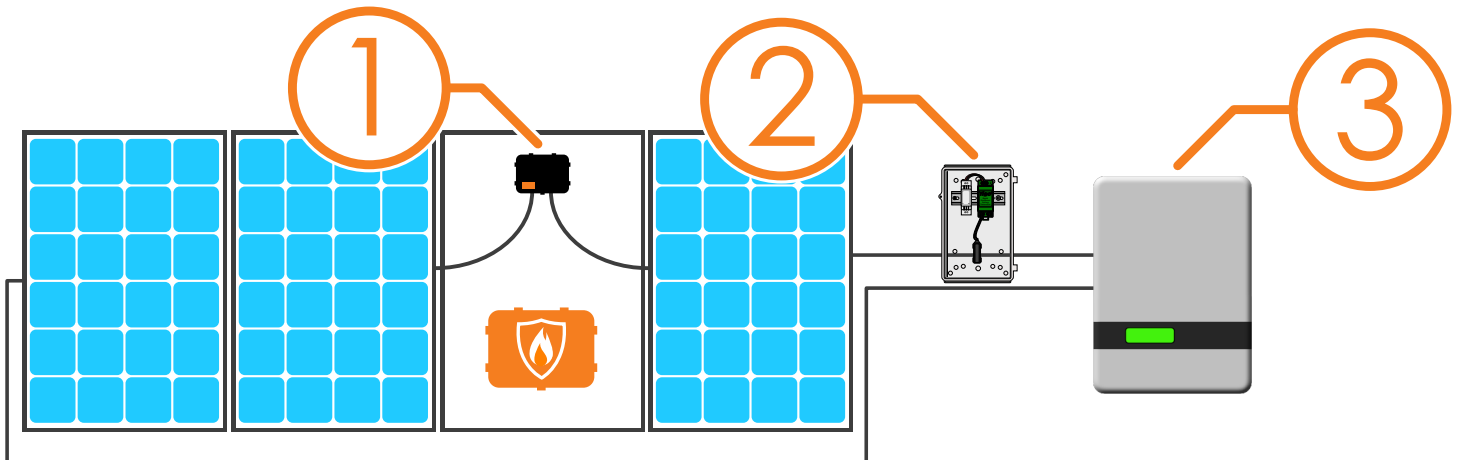

RSS TRANSMITTER - OUTDOOR KIT
Rapid Shutdown Activator for TS4-F

The Tigo Rapid Shutdown System (RSS) Transmitter is part of a rapid shutdown solution when paired with Tigo TS4-F (Fire Safety), a PV module rapid shutdown unit. While powered on, the RSS Transmitter sends a signal to the TS4-F units to keep their PV modules connected and supplying energy.

TS4-F units automatically enter rapid shutdown mode when the RSS Transmitter is switched off and resume energy production when power is restored to the RSS Transmitter. This solution complies with NEC 690.12 specifications for 2014 and 2017 and is compatible with SunSpec signaling for rapid shutdown. The RSS Transmitter and TS4-F are compatible with many inverters and modules.
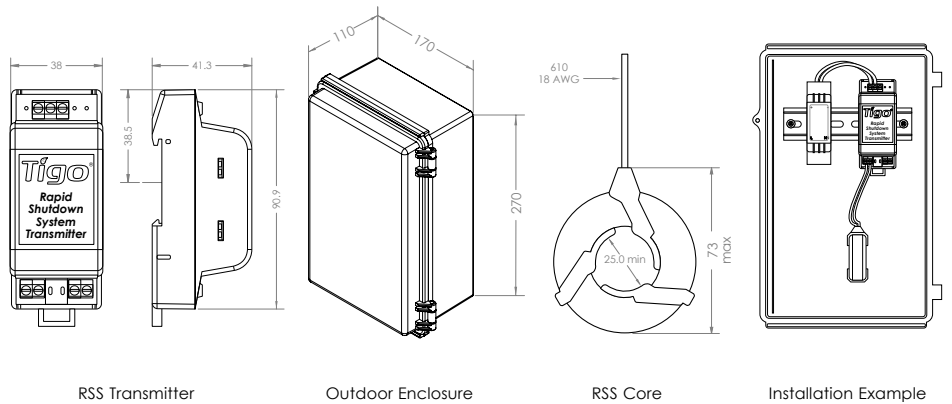
The RSS Transmitter Outdoor Kit includes an RSS Transmitter, outdoor enclosure, 120/240V_{AC} power supply, and one or two RSS Cores.

1. Modules equipped with Tigo TS4-F (Fire Safety)
2. Tigo RSS Transmitter with Outdoor Kit
3. Inverter

RSS TRANSMITTER - OUTDOOR KIT

- Meets NEC 690.12 requirements
- Module-level deactivation with TS4-F
- Automatic or manual shutdown
- Weatherproof outdoor enclosure
- Includes one or two RSS Cores
- Includes 120/240V_{AC} power supply

RSS Transmitter

Outdoor Enclosure

RSS Core

Installation Example

All dimensions in mm.

Input	
Transmitter Input Voltage: 12V_{DC}	
Transmitter Input Current: 1A	
RSS Core	
Max Current (in Outdoor Kit): 100A per RSS Core (Single Core: 100A, Dual Core: 200A)	
Max String Voltage: 1500V_{DC}	
Max Number of Strings per Core: 10	
Max Supported PV Modules per String: 30	
Environmental	
Operating Temperature Range: -20°C to 50°C (in Outdoor Enclosure)	
Enclosure: IP68, NEMA 4	

ORDERING OPTIONS

492-00000-10	SingleCore RSS DIN Rail Transmitter Kit, 120/240V_{AC} Power Supply, Outdoor Enclosure
492-00000-20	Dual Core RSS DIN Rail Transmitter Kit, 120/240V_{AC} Power Supply, Outdoor Enclosure

For sales info:
sales@tigoenergy.com or 1.408.402.0802

For technical information:
http://support.tigoenergy.com

For product info:
Visit www.tigoenergy.com/products

For technical info:
http://support.tigoenergy.com

For additional info and product selection assistance, use Tigo's online design tool at www.tigoenergy.com/design

Photovoltaic Rapid Shutdown System Equipment, QIJW

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