



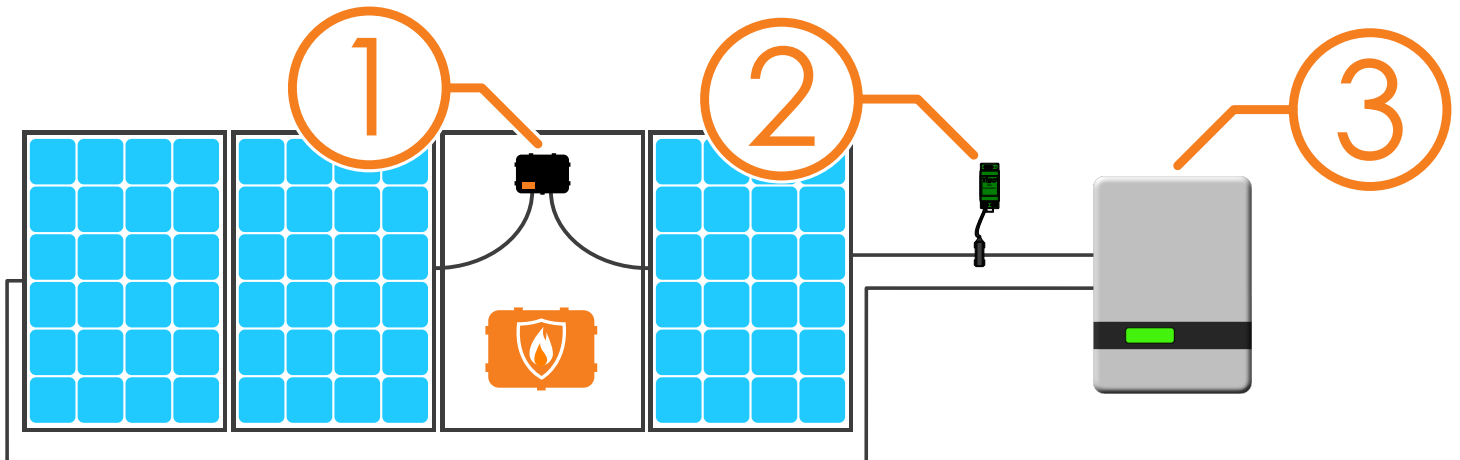
RSS TRANSMITTER

PV Shutdown Activator for TS4-F

The Tigo RSS Transmitter is part of a module-level shutdown solution when paired with Tigo TS4-F. While powered on, the RSS Transmitter sends a power line communication (PLC) signal to the TS4-F units to keep their PV modules connected and supplying energy.

TS4-F units automatically enter shutdown mode when the RSS Transmitter is switched off and resume energy production when power is restored to the RSS Transmitter. The RSS Transmitter and TS4-F are compatible with many inverters and modules.

The RSS Transmitter includes one or two RSS Cores, and a 120/240V_{AC} power supply is available separately.



1. Modules equipped with Tigo TS4-F
2. Tigo RSS Transmitter and RSS Core
3. Inverter

RSS TRANSMITTER

Meets NEC 690.12 requirements

Module-level deactivation with TS4-F

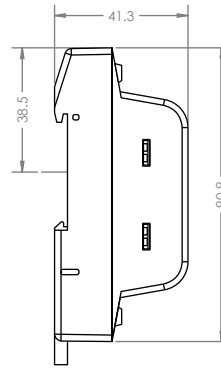
Automatic or manual shutdown

Includes one or two RSS Cores

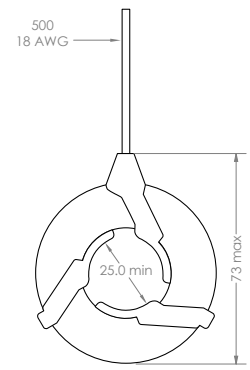
Optional 120/240V_{AC} power supply



RSS Transmitter - Front View



RSS Transmitter - Side View



RSS Core - Side View

All dimensions in mm.

Input

Transmitter Input Voltage: 12V_{DC} (+/- 2%)

Transmitter Input Current: 1A

RSS Core

Max Current: 150A per RSS Core (Single Core: 150A, Dual Core: 300A)

Max String Voltage: 1500V_{DC}

Max Number of Strings per Core: 10

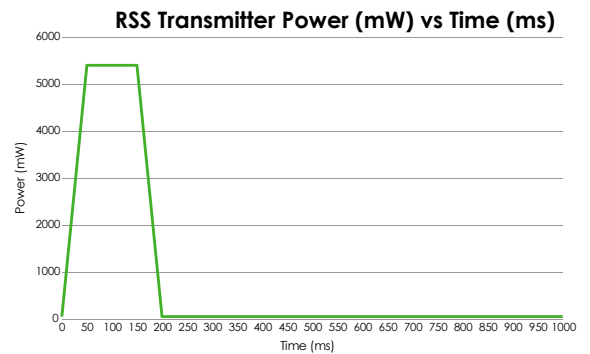
Max Supported PV Modules per String: 30

Environmental

Operating Temperature Range: -40°C to 85°C (PCBA)

For Tigo RSS Transmitter integration inside an inverter, be able to provide the following power profile:

- Voltage: 12V_{DC} (+/- 2%)
- Power Average: 0.85W
- Power Standby: 0.06W
- Duty Cycle: 15%
- Max Power: 5.5W



ORDERING OPTIONS

490-00000-10 Single Core (150A) RSS DIN Rail Transmitter (no power supply)

490-00000-20 Dual Core (300A) RSS DIN Rail Transmitter (no power supply)

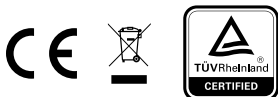
983-01512-00 DIN Rail Power Supply, 12V_{DC}, 1.25A

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

