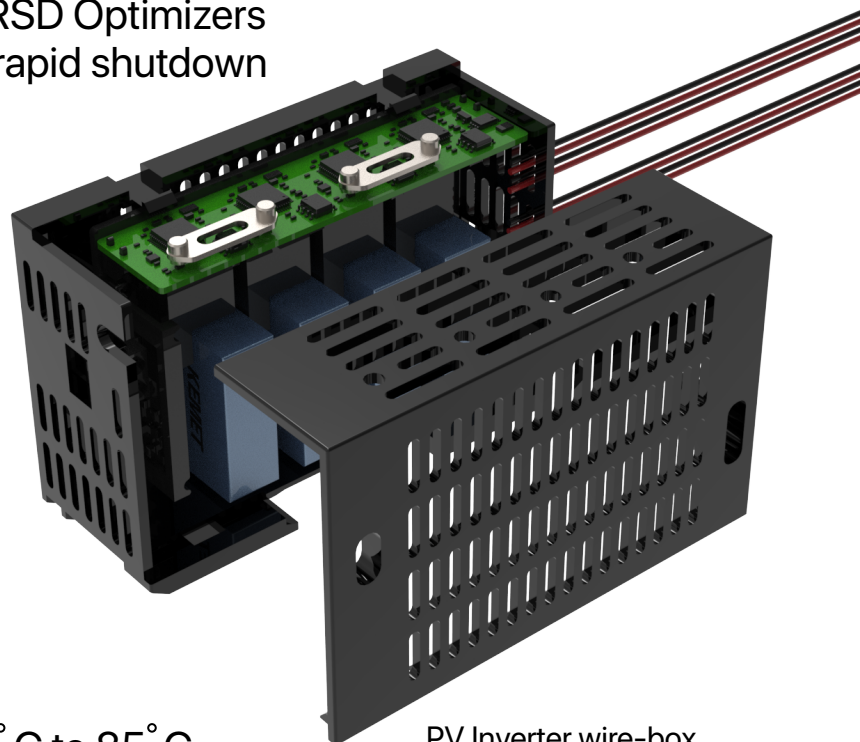


# Entelligent NMax RSS Transmitter

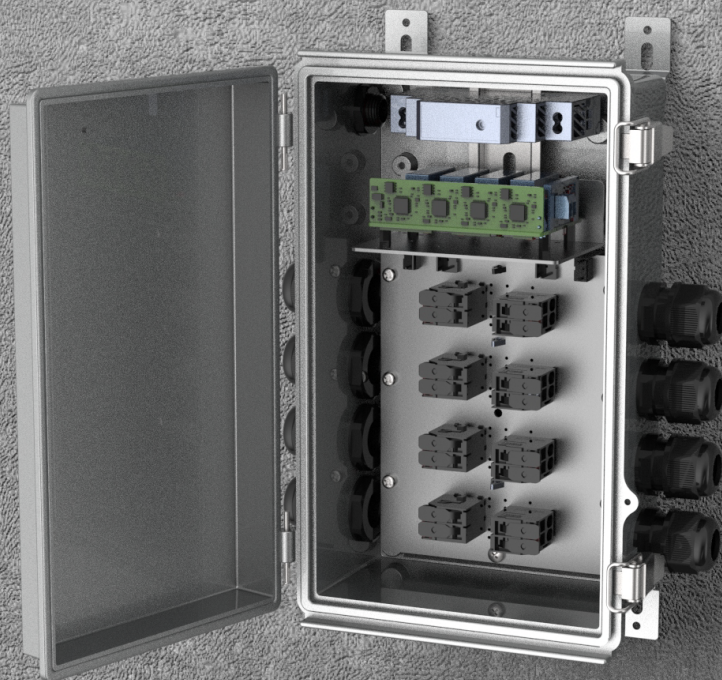
- Rapid Shutdown System (RSS) transmitter generates 'permission to operate' signal
- Compatible with Entelligent NMax RSD Optimizers and other SunSpec™ RSD Certified rapid shutdown devices (RSDs)
- Panel-level monitoring with Entelligent NMax RSD Optimizers
- Bi-directional Power-line Communication (PLC) to/from rooftop MLPE
- Coupling transformer design
- SunSpec Modbus RS-485 output
- Operating temperature range : -40° C to 85° C
- Installation configuration options:
  - DIN rail for inverter wire-box integration
  - External IP-65 rated mounting box kit
- 12V DC 1A (Optional 120/240 VAC PSU)



PV Inverter wire-box  
integration version shown

# Entelligent NMax RSS Transmitter

- SunSpec™ RSD Certified
- Multi-vendor UL PVRSS Certified to meet NEC 2017 & 2020 690.12
- FCC Class B certified
- Unique asymmetric PLC signal generation addresses common issues:
  - Crosstalk interference
  - False arc-fault triggering
- Easy installation with software configuration of panel-level monitoring



Wall-Mount Box  
version shown

## Panel-Level Monitoring with connected Entelligent NMax RSDs

### Panel-level monitoring data:

- Input/output voltage and current
- Status: passthrough, optimizing or offline
- Health condition diagnostics and alerts
- RSD device identifier
- Current firmware version of RSD
- On-site RSD firmware upgrades via PLC

### Modbus RS 485 output to:

- USB dongle for PC-based on-site setup and troubleshooting app
- Inverter communications input for mobile software integration
- Entelligent communications hub: BLE, Wi-Fi, ethernet (sold separately)