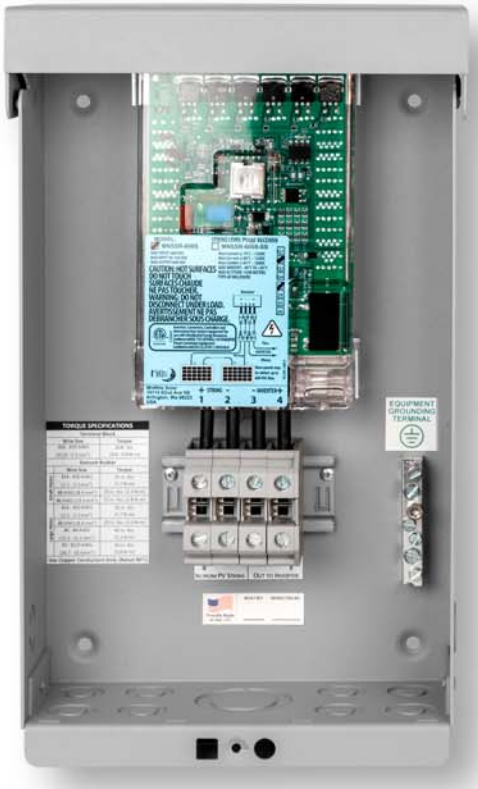
MNPV-WS

RAPID SHUTDOWN COMPONENTS

The MNPV6-WS system is the advanced add-on solution for rapid shutdown functionality connecting strings up to 600VDC.

Rapid shutdown activation is controlled by power-line communication (PLC) with a certified RSS Transmitter. The RSS (Rapid Shutdown System) Transmitter, completes the cost-effective rapid shutdown system architecture when paired with MNPV6-WS solutions. The RSS Transmitter sends a Sunspec certified signal to the receiving units to keep PV systems connected while powered on and supplying energy. MNPV6-WS units automatically enter rapid shutdown mode when the Sunspec certified RSS Transmitter is switched off and resume energy production when power is restored to the RSS.

Requires Sunspec Certified Transmitter for
rapid shutdown control.



ENCLOSURE

- Aluminum rainproof type 3R enclosure that accommodates grounding
- Knock outs that accept waterproof strain reliefs or conduit
- Knock outs for lightning arrestors
- Listed PVRSS and PVRSE rapid shut down equipment and systems for US and Canada
- MNPV6-WS meets NEC2020 section 690.12 Rapid Shutdown of PV systems on buildings

Designed and Assembled
in USA

MNPV-WS

RAPID SHUTDOWN COMPONENTS

SPECIFICATIONS	
Max input	600 VDCC
Max MPPT in	550 VDC
Max output	600 VDC
Max current @ 70°C	12 ADC
Max current @ 80°C	12 ADC
Max current @ 85°C	10 ADC
Max ambient temp	-40°C TO +85°C
Max altitude	3500 METERS
MNSST-SINGLE transmitter coils	12 VDC 1 AMP MAX
MNSST-DUAL transmitter coils	12 VDC 1 AMP MAX
Short circuit current	20 AMPS
Minimum input voltage	50 VDC
Wiring to terminal block	12 to 10 AWG
Side knockouts	1/2 in
Bottom knockouts	Eight ½" and one concentric ¾" / 1¼"
Dimensions	13.5"L x 8"W x 3.5"D
Boxed size	14"L x 9"W x 4"D
Weight	5 Lbs.

Requires Transmitter for rapid shutdown control.

WATER AND CORROSION RESISTANT

- Class II double insulation
- High Voltage

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