MNSSR SYSTEM MIDNITE RAPID SHUTDOWN COMPONENTS



The MNSSR system is the advanced add-on solution that brings rapid shutdown functionality to standard PV modules.

Rapid shutdown activation is controlled by power-line communication (PLC) with a certified RSS Transmitter. The RSS (Rapid Shutdown System) Transmitter, from MidNite or other Sunspec certified companies, completes the cost-effective rapid shutdown system architecture when paired with MidNite's MNSSR solutions. The RSS Transmitter sends a Sunspec certified signal to the receiving units to keep PV modules connected while powered on and supplying energy. MNSSR 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.

NO GROUND WIRE REQUIRED

MidNite receivers do not need a separate ground wire or mounting bolts for installations.

Requires Sunspec Certified Transmitter for rapid shutdown control

Designed and Assembled in USA!

www.midnitesolar.com 19115 - 62nd Ave. NE., Arlington, WA. 360-403-7207

MNSSR-600-S



MNSSR-600S-SS



MNSSR SYSTEM

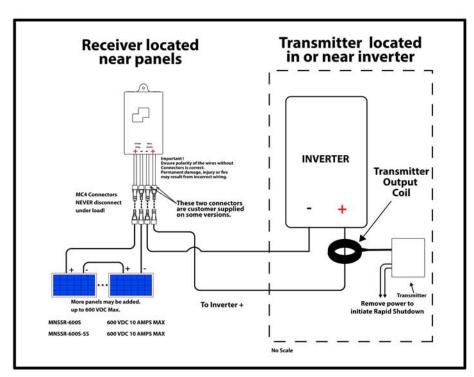
MIDNITE RAPID SHUTDOWN COMPONENTS



| SPECEFICATIONS | |
|--------------------------------|------------------|
| MAX INPUT | 600 VDCC |
| MAX MPPT IN | 550 VDC |
| MAX OUTPUT | 600 VDC |
| Max Current @ 70°C | 12ADC |
| Max Current @ 80°C | 12ADC |
| Max Current @ 85°C | 10ADC |
| MAX AMBIENT | -40°C TO +85°C |
| MAX ALTITUDE | 3500 METERS |
| MNSST-SINGLE | 10 VDC 1 AMP MAX |
| MNSST-DUAL | 10 VDC 1 AMP MAX |
| MNSST-NAKED | 10 VDC 1 AMP MAX |
| WEIGHT | 14.5 OZ |
| Designed and Assembled in USA! | |

Requires Sunspec Certified Transmitter for rapid shutdown control. WATER AND CORROSION RESISTANT - polycarbonate cover is water-resistant to depth of 1.5 meters.

- ☐ Class II double insulation



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