

# Test Verification of Conformity

Verification Number: 104916879CRT-001VOC

On the basis of the tests undertaken, the samples of the below product have been found to comply with the requirements of the referenced standards at the time the tests were carried out. This verification is part of the full test report and should be read in conjunction with it.

Applicant Name & Address:	MidNite Solar 19115 62nd Ave NE, Arlington, WA 98223, USA
Product Description:	PV Rapid Shutdown System
Ratings & Principle Characteristics:	Receiver Max Input: 600VDC Max MPPT: 550VDC Max Output: 600VDC Max current 12 ADC @ -40 C to 80C, 10ADC @85C
Models/Type References:	Transmitter12VDC, 1A Receiver: MNSSR-600S; MNSSR-600S-SS  Transmitter: MNSST-Single; MNSST-Dual; MNSST-Naked
Brand Names:	MidNite
Relevant Standard(s) / Specification(s):	See Appendix 1
Verification Issuing Office Name & Address:	Intertek Testing Services NA, Inc. 3933 US Route 11, Cortland, NY 13045 USA
Date of Tests:	03/04/2024 to03/05/2024
Test Report Number(s):	104916879CRT-001

Additional information in Appendix.



**Signature**

**Name: Lixin Ma**  
**Position: Staff Engineer**  
**Date: 26<sup>th</sup> April 2024**

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## Appendix 1: Relevant Standard(s)/Specification(s)

Inverters, Converters, Controllers and Interconnection System Equipment for use with Distributed Energy Resources [UL 1741:2021 Ed.3+R:19May2023]

Power Conversion Equipment [CSA C22.2#107.1:2016 Ed.4+U1]

Photovoltaic Rapid Shutdown Systems [CSA C22.2#330:2023 Ed.2]

## Appendix 2: List of Inverter Tested with MidNite PVRSS system:

Receiver	Transmitter	Tested Inverter List
MNSSR-600S; MNSSR-600S-SS	MidNite MNSST Transmitter	<b>SolarK Inverters</b> 5K-120V/8K-230V-1P Sol-Ark-5K-48-ST Sol-Ark-8K-48-ST Sol-Ark-12K-P Limitless 15K-LV
	APS SunSpec Transmitter	<b>Growatt Inverter</b> MIN3000TL-XH-US MIN3800TL-XH-US MIN5000TL-XH-US MIN6000TL-XH-US MIN7600TL-XH-US MIN8200TL-XH-US MIN9000TL-XH-US MIN10000TL-XH-US
		<b>MidNite Inverter</b> MN15-12KW-AIO
		<b>Solis Inverters</b> Solis 1 P3.6K4G-US Solis 1 P5K4G-US Solis 1 P6K4G-US Solis 1 P7K4G-US Solis 1 P7.6K-4G-US Solis 1 P8.6K4G-US Solis 1 P9K4G-US Solis 1 P10K4G-US S6-EH1P11.4K-H-US S6-EH1P10K-H-US S6-EH1P9.9K-H-US S6-EH1P7.6K-H-US S6-EH1P5K-H-US S6-EH1P3.8K-H-US

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