

US

CERTIFICATE OF COMPLIANCE

Certificate Number:

SGSNA/24/GZ/00117

Contract Number: Certificate Project Number:

802002 GZ-CERT220902697

Certified Product: Trademarks: Model(s): ESS Inverter MidNite Solar, Inc. MN 7.5-5KW-AIO, MN 9-6KW-AIO, MN 12-7K6W-AIO MN 12-8KW-AIO, MN 15-12KW-AIO See page 2

Technical Data:

Certificate Holder:

MidNite Solar, Inc. 19115 62nd Ave. NE, 98223, Arlington, Washington, United States of America

This certificate supercedes previous certificates issued with the same certificate number. Certification is valid when products are indicated on the SGS directory of certified products at <u>www.sgs.com</u> or using the QR code below. The product is certified according to ISO/IEC Guide 17067, Conformity assessment - Fundamentals of product certification, System 3, and in accordance with:

UL 1741, Third Edition, Dated September 28, 2021 (including UL 1741 Supplement SB) CSA C22.2 No. 107.1:16 (reaffirmed 2021) Photovoltaic (PV) DC Arc-Fault Circuit Protection-UL 1699B: REVISION, DATED MAY 18, 2021 CSA C22.2 No. 330:23, Dated February 2023 Additional Information:

Compliance with IEEE Std 1547:2018 (Revision of IEEE Std 1547:2003), approved 15 February 2018; IEEE Std 1547a[™]-2020 Approved 9 March 2020. (Refer to IEEE Std 1547.1:2020, approved 5 March 2020.)

Hawaiian Electric Companies, IEEE 1547.1-2020 Source Requirements Document Version 2.0 ("SRD V2.0"), effective on July 1st, 2020

UL1741 SECTION 92 TO SECTION 99, SEPTEMBER 28, 2021 - PHOTOVOLTAIC RAPID SHUTDOWN SYSTEMS

UL1741 CRD Non-Isolated EPS Interactive PV Inverters Rated Less Than 30Kva (Dated April 26, 2010)

Authorized by:

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Jason Wei Certifier

Effective date: 16 May 2024

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SGSSG

Certification Body

Connectivity & Products, a division of SGS North America Inc. 620 Old Peachtree Road, Ste. 100, Suwanee, GA 30024, USA t +1 770 570 1800 f +1 770 277 1240 www.sgs.com





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Technical Data:

MN 7.5-5KW-AIO PV Input side: 70-540Vd.c(600Vmax), 30/22Amax; Batteries side: 40-64Vd.c, 210/130Amax (Charge/Discharge) AC output (On grid): 120/240Va.c (Split phase)/208Va.c(2/3 phase), 20.9A(22.9Amax), 60Hz, 5kW, -0.8~+0.8 AC output (Off grid): 120/240Va.c (Split phase)/ 208Va.c(2/3 phase), 5.0kW, 60Hz

MN 9-6KW-AIO

PV Input side: 70-540Vd.c(600Vd.cmax), 30/22Amax; Batteries side: 40-64Vd.c, 210/130Amax(Charge/Discharge) AC output (On grid): 120/240Va.c (Split phase)/ 208Va.c(2/3phase), 25A(27.5Amax), 60Hz, 6kW, -0.8~+0.8 AC output (Off grid): 120/240Va.c (Split phase)/ 208Va.c(2/3 phase), 6.0kW, 60Hz

MN 12-7K6W-AIO PV Input side: 70-540Vd.c(600Vd.cmax), 30/22/22Amax; Batteries side: 40-64Vd.c, 210/180Amax(Charge/Discharge) AC output (On grid): 120/240Va.c (Split phase)/208Va.c(2/3 phase), 31.7A(34.8Amax), 60Hz, 7.6kW, -0.8~+0.8 AC output (Off grid): 120/240Va.c (Split phase)/ 208Va.c(2/3 phase), 7.6kW,60Hz

MN 12-8KW-AIO PV Input side: 70-540Vd.c(600Vd.cmax), 30/22/22Amax; Batteries side: 40-64Vd.c, 210/180Amax(Charge/Discharge) AC output (On grid): 120/240Va.c (Split phase)/ 208Va.c(2/3phase), 33.4A(36.7Amax), 60Hz, 8kW, -0.8~+0.8 AC output (Off grid): 120/240Va.c (Split phase)/ 208Va.c(2/3 phase), 8kW, 60Hz

MN 15-12KW-AIO PV Input side: 70-540Vd.c(600Vd.cmax), 30/22/22Amax; Batteries side: 40-64Vd.c, 210/210Amax(Charge/Discharge) AC output (On grid): 120/240Va.c (Split phase)/ 208Va.c(2/3phase), 41.7A(47.5Amax), 60Hz,10kW, -0.8~+0.8 AC output (Off grid): 120/240Va.c (Split phase)/ 208Va.c(2/3 phase), 10kW, 60Hz

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