

CERTIFICATE OF COMPLIANCE

Certificate Number: SGSNA/22/GZ/00171

Contract Number: 800341
Certificate Project Number: GZ-CERT220701646

Certified Product: Hybrid Inverter
Trademarks: Sol-Ark
Model(s): Sol-Ark-12k-P, Sol-Ark-9K-48-ST, Sol-Ark-8K-48-ST Sol-Ark-5K-48-ST
Technical Data: See Page 2

Certificate Holder: Portable Solar LLC (dba Sol-Ark)
1100 Professional Dr, Plano, Texas 75074, 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 www.sgs.com 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
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,
using IEEE 2030.5 protocol)
Hawaiian Electric Companies, IEEE 1547.1-2020 Source Requirements Document Version 2.0 ("SRD V2.0"),
effective on July 1st, 2020
Photovoltaic (PV) DC Arc-Fault Circuit Protection-UL 1699B: First Edition, Dated August 22, 2018

Authorized by:

Effective date: 08 August 2022



Jason Wei
Certifier



Certification Body

Connectivity & Products, a division of SGS North America Inc.
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CERTIFICATE OF COMPLIANCE

Certificate Number: **SGSNA/22/GZ/00171**

Contract Number: 801651
Certificate Project Number: GZ-CERT220701646
Technical Data:

Sol-Ark-12k-P
 AC side:
 AC Voltage@120/240V: 240V(211V-264V), 37.5A, 9000W(L-L) / 4500W(L-N), 60Hz,
 AC Voltage@120/208V: 208V(183V-229V), 37.5A, 7800W(L-L) / 4500W(L-N), 60Hz
 PV side: 150dc-500Vdc (MPPT range:175Vdc-425Vdc), 20A/20A
 Battery side: 48Vdc(43Vdc-63Vdc), 185A

Sol-Ark-9K-48-ST
 AC side:
 AC Voltage@120/240V: 240V(211V-264V), 37.5A, 9000W(L-L) / 4500W(L-N), 60Hz,
 AC Voltage@120/208V: 208V(183V-229V), 37.5A, 7800W(L-L) / 4800W(L-N), 60Hz
 PV side: 150dc-500Vdc (MPPT range:175Vdc-425Vdc), 18A/18A
 Battery side: 48Vdc(43Vdc-63Vdc), 185A

Sol-Ark-8K-48-ST
 AC side:
 AC Voltage@120/240V: 240V(211V-264V), 33.0A, 8000W(L-L) / 4000W(L-N), 60Hz,
 AC Voltage@120/208V: 208V(183V-229V), 33.3A, 6900W(L-L) / 4000W(L-N), 60Hz
 PV side: 150dc-500Vdc (MPPT range:175Vdc-425Vdc), 18A/18A
 Battery side: 48Vdc(43Vdc-63Vdc), 185A

Sol-Ark-5K-48-ST
 AC side:
 AC Voltage@120/240V: 240V(211V-264V), 20.8A, 5000W(L-L) / 2500W(L-N), 60Hz,
 AC Voltage@120/208V: 208V(183V-229V), 29.1A, 5000W(L-L) / 2500W(L-N), 60Hz
 PV side: 150dc-500Vdc (MPPT range:175Vdc-425Vdc), 10A/10A
 Battery side: 48Vdc(43Vdc-63Vdc), 120A

Certification Body



Certificate of Conformity

NO.: ENB2203220132E00101C

The device bearing the trade name and model specified following has been shown to comply with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified. (Refer to test report if any modifications were made for compliance).

Applicant : Portable Solar LLC

Address : 5833 Curtis Dr No. 200 Parker, TX 75002, Texas, United States of America

Manufacturer : Portable Solar LLC

Address : 5833 Curtis Dr No. 200 Parker, TX 75002, Texas, United States of America

Trade Mark : N/A

EUT : Hybrid Inverter

M/N : Limitless 8K-LV, Limitless 9K-LV, Limitless 12K-LV, Limitless 15K-LV

Test Standards : FCC CFR Title 47, Part 15, Subpart B
ANSI C63.4-2014

Version : Ver.1.0



Tony Wei
Tony Wei/Manager
March 29, 2022

The certificate is based on a single evaluation of one sample of above-mentioned products, It does not imply an assessment of the whole production and does not permit the use of the test lab. logo .

EMTEK (Ningbo) Co., Ltd.

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