

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
UL 1699B, 1st Ed. August 22, 2018
Compliance with IEEE Std 1547:2018 (Revision of IEEE Std 1547:2003), approved 15 February 2018. (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
UL 1741 (April 20, 2010 Ed.2) CRD, Subject: Power Control Systems (PCS)

Authorized by:

Effective date: 12 April 2023



Jason Wei
Certifier



Certification Body

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