

CERTIFICATE OF COMPLIANCE

Certificate Number: SGSNA/18/GZ/00127

Contract Number: 800341
Certificate Project Number: GZ-CERT180801478

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

Certificate Holder: Portable Solar LLC
5833 Curtis Dr No. 200 Parker, TX 75002, Texas, 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 (2010 Ed.2 Rev Feb. 15, 2018)
CSA C22.2 NO. 107.1-16
UL 1741 Supplement SA, 2010 Ed.2 Rev Feb. 15, 2018
Compliance with UL1741, includes applicable requirements of IEEE1547-2003 (R2008) and IEEE 1547a-2014
Reference standard:
UL 1699B Issue Number 2 JANUARY 14, 2013
SRD-UL-1741-SA-V1.1
CPUC Rule 21, Effective on Jul 30, 2017
UL 1741 (April 20, 2010 Ed.2) CRD, Subject: Power Control Systems (PCS)

Authorized by:

Effective date: 25 November 2020



Jason Wei
Certifier



Certification Body

Consumer and Retail Services, a division of SGS North America Inc.
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Additional Information:

Technical Data:

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), 24.0A, 5000W(L-L)/2500W(L-N), 60Hz

PV side: 150dc-500Vdc (MPPT range:175Vdc-425Vdc), 10A/10A
Battery side: 48Vdc(42Vdc-61Vdc), 120A;

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), 38.5A, 8000W(L-L)/4000W(L-N), 60Hz

PV side: 150dc-500Vdc (MPPT range:175Vdc-425Vdc), 18A/18A
Battery side: 48Vdc(42Vdc-61Vdc), 190A;

Sol-Ark-9k-48-ST:

AC side: AC Voltage@120/240V: 240V(211V-264V), 37.5A max., 9000W(L-L) / 4800W(L-N), 60Hz, AC Voltage@120/208V: 208V(183V-229V), 40.0A max., 9000W(L-L) / 4800W(L-N), 60Hz

PV side:
150dc-500Vdc (MPPT range:175Vdc-425Vdc), 18A/18A

Battery side:
48Vdc(41Vdc-59Vdc), 190A

Sol-Ark-12K-P:

AC side: AC Voltage@120/240V: 240V(211V-264V), 37.5A max., 9000W(L-L) / 4800W(L-N), 60Hz, AC Voltage@120/208V: 208V(183V-229V), 40.0A max., 9000W(L-L) / 4800W(L-N), 60Hz

PV side: 150dc-500Vdc (MPPT range:175Vdc-425Vdc), 20A/20A
Battery side: 48Vdc(41Vdc-59Vdc), 190A

Certification Body