



CERTIFICATE OF COMPLIANCE

Certificate Number: SGSNA/22/GZ/00050

Contract Number: 800341

Certificate Project Number: GZ-CERT181002025

Certified Product: Hybrid Inverter

Trademarks:



Model(s): Sol-Ark-5K-120/230V, Sol-Ark-7.6K-120/230V,
Sol-Ark-8K-120/230V, Sol-Ark-6K-120/230V

Technical Data: See page 2-3

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); IEEE 1547a-2014; UL 1741 Supplement SA (2010 Ed.2 Rev Feb. 15, 2018); CPUC Rule 21 Effective on Jul 20,2017; SRD-UI-1741-Sa-V1.1 issued March 10, 2018

Reference standard: UL 1699B Issue Number 2 JANUARY 14, 2013

Authorized by:

Effective date: 01 April 2022



Jason Wei
Certifier



Certification Body

Consumer and Retail Services, a division of SGS North America Inc.
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Certificate Number: SGSNA/22/GZ/00050

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Technical Data:

Sol-Ark8K-120/230V

AC side for on grid:

208 / 240Vac (120Va.c), 60Hz, 33.4A (38.3A max.),

8000W (8800W max.)

AC side for off grid:

208 / 240Vac (120Va.c), 60Hz, 33.4A, 8000W

Max. Continuous AC Passthrough: 50A

Peak Output Power: 16000W 10s

AC side for charge mode:

208 / 240Vac (120Va.c), 60Hz, 33.4A (38.3A max.),

8800W max.

PV side: 370Vdc(100-500Vdc), 18A/18A, 10400W max.

Battery side: 48Vdc(40Vdc-60Vdc), 190A max.

Sol-Ark7.6K-120/230V

AC side for on grid:

208 / 240Vac (120Va.c), 60Hz, 31.7A (36.4A max.),

7600W (8360W max.)

AC side for off grid:

208 / 240Vac (120Va.c), 60Hz, 31.7A, 7600W

Max. Continuous AC Passthrough: 50A

Peak Output Power: 16000W 10s

AC side for charge mode:

208 / 240Vac (120Va.c), 60Hz, 31.7A (36.4A max.),

8360W max.

PV side: 370Vdc(100-500Vdc), 18A/18A, 9880W max.

Battery side: 48Vdc(40Vdc-60Vdc), 190A max.

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Sol-Ark-6K-120/230V

AC side for on grid:

208 / 240Vac (120Va.c), 60Hz, 25A (28.8A max.),
6000W (6600W max.)

AC side for off grid:

208 / 240Vac (120Va.c), 60Hz, 25A, 6000W

Max. Continuous AC Passthrough: 35A

Peak Output Power: 12000W 10s

AC side for charge mode:

208 / 240Vac (120Va.c), 60Hz, 25A (28.8A max.),
6600W max

PV side: 370Vdc(100-500Vdc), 18A/9A, 7800W max.

Battery side: 48Vdc(40Vdc-60Vdc), 135A max.

Sol-Ark-5K-120/230V

AC side for on grid:

208 / 240Vac (120Va.c), 60Hz, 20.8A (24A max.),
5000W (5500W max.)

AC side for off grid:

208 / 240Vac (120Va.c), 60Hz, 20.8A, 5000W

Max. Continuous AC Passthrough: 35A

Peak Output Power: 10000W 10s

AC side for charge mode:

208 / 240Vac (120Va.c), 60Hz, 20.8A (24A max.),
5500W max

PV side: 370Vdc(100-500Vdc), 11A/11A, 6500W max.

Battery side: 48Vdc(40Vdc-60Vdc), 120A max.

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