

# 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](http://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**