

# CERTIFICATE OF COMPLIANCE

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

**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:** Sol-Ark, LLC  
805 Central Expwy S Allen, Texas, 75013, 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

## Certification Condition

The Hybrid Inverter is to be installed in accordance with the National Electrical Code NFPA 70 (National Electric Code) or CSA C22.1 (Canadian Electric Code) by end user.

Authorized by:

Effective date: 19 January 2026



Jason Wei  
Certifier



## Certification Body

Connectivity & Products, a division of SGS North America Inc.  
620 Old Peachtree Road, Ste. 100, Suwanee, GA 30024, USA  
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**Additional Information:**

Compliance with IEEE Standard for Interconnection and Interoperability of Distributed Energy Resources with Associated Electric Power Systems Interfaces – 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)

UL 1741 (April 7, 2023 Ed.3) CRD, Subject: Clarification of Multi-Mode Inverter Requirements Including Supply Conductor Grounding

**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), 26A\*2, 44A  
 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), 26A\*2, 44A  
 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), 26A\*2, 44A  
 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), 13A\*2, 22A  
 Battery side: 48Vdc(43Vdc-63Vdc), 120A

**Certification Body**

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