

# CERTIFICATE OF COMPLIANCE

**Certificate Number:** SGSNA/23/GZ/00128

**Contract Number:** 802150  
**Certificate Project Number:** GZ-CERT220300532

**Certified Product:** Hybrid Solar Inverter  
**Trademarks:**

**Model(s):** 7.5KEXP-240, 9KEXP-240, 9K1EXP-240, 12KEXP-240, 15KEXP-240  
**Technical Data:** See page 2

**Certificate Holder:** EG4 Electronics LLC  
1130 Como St South, Sulphur Springs, Texas, 75482, 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 (reaffirmed 2021)
- UL 1741 Supplement SA, 2010 Ed.2 Rev Feb. 15, 2018
- UL 1699B, 1st Ed. August 22, 2018
- Compliance with IEEE Std 1547:2018 (Revision of IEEE Std 1547:2003), approved 15 February 2018; IEEE Std 1547a™-2020 Approved 9 March 2020. (Refer to IEEE Std 1547.1:2020, approved 5 March 2020.)
- Hawaiian Electric Companies, IEEE 1547.1-2020 Source Requirements Document Version 2.0 ("SRD V2.0"), effective on July 1st, 2020
- Generating Facility Interconnections- CPUC Rule 21 Effective on Jul 30, 2017

Authorized by: Effective date: 01 June 2023

Jason Wei  
Certifier



**Certification Body**

Connectivity & Products, a division of SGS North America Inc.  
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**Technical Data:**

7.5KEXP-240  
 PV side: 120-500V(500Vmax), 14A\*4, 22A;  
 Batteries side: 40-60V, 120Amax  
 AC grid side: 120Vac/240Vac Split phase, 60Hz, 20.8A(22.9Amax),  
 -0.8~+0.8  
 EPS(\*) side: 120Vac/240Vac, Split phase, 60Hz, 5KVA, 20.8A

9KEXP-240  
 PV side: 120-500V(500Vmax), 14A\*4, 22A;  
 Batteries side: 40-60V, 135Amax  
 AC grid side: 120Vac/240Vac Split phase, 60Hz, 25A(27.5Amax),  
 -0.8~+0.8  
 EPS(\*) side: 120Vac/240Vac, Split phase, 60Hz, 6KVA, 25A

9K1EXP-240  
 PV side: 120-500V(500Vmax), 14A\*4, 22A;  
 Batteries side: 40-60V, 190Amax  
 AC grid side: 120Vac/240Vac Split phase, 60Hz, 31.7A(35Amax),  
 -0.8~+0.8  
 EPS(\*) side: 120Vac/240Vac, Split phase, 60Hz, 7.6KVA, 31.7A

12KEXP-240  
 PV side: 120-500V(500Vmax), 14A\*4, 22A;  
 Batteries side: 40-60V, 190Amax  
 AC grid side: 120Vac/240Vac Split phase, 60Hz, 33.3A(36.7Amax),  
 -0.8~+0.8  
 EPS(\*) side: 120Vac/240Vac, Split phase, 60Hz, 8KVA, 33.3A

15KEXP-240  
 PV side: 120-500V(500Vmax), 14A\*4, 22A;  
 Batteries side: 40-60V, 190Amax (for charging), 210Amax  
 (for discharging)  
 AC grid side: 120Vac/240Vac Split phase, 60Hz, 41.7A(45.8Amax),  
 -0.8~+0.8  
 EPS(\*) side: 120Vac/240Vac, Split phase, 60Hz, 10KVA, 41.7A

(\*) EPS: Equipment or facilities that deliver electric power to a load

## Certification Body