# CERTIFICATE OF COMPLIANCE

**Certificate Number:** **SGSNA/25/GZ/00161**

**Contract Number:** 802934
**Certificate Project Number:** GZ-CERT241003643

**Certified Product:** On-Grid Hybrid Inverter
**Trademarks:** EPEVER
**Model(s):** EHD6K, EHD8K, EHD10K, EHD12K
**Technical Data:**

**EHD6K**

PV side: 90-550V(580Vmax), 16A*3, 19.2A

Batteries side: 85-480V, 25.0A/25.0Amax

AC grid side: 120/240Vac (Split phase) / 208Vac (2/3 phase), 60Hz, 25.0A(25.0Amax), 6000W

EPS (*) side: 120/240Vac (Split phase) / 208Vac (2/3 phase), 60Hz, 25.0A(25.0Amax), 6000VA

Other technical Data see page 2

**Certificate Holder:** Huizhou Epever Technology Co., Ltd.
No. 6 Laowu Road, Start-up Area of China-Korea (Huizhou) Industrial Park, Zhongkai District, Huizhou, Guangdong, China

*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, Third Edition, Dated September 28, 2021 (including UL 1741 Supplement SB)
CSA C22.2 No. 107.1:16 (reaffirmed 2021)
UL 1699B, 1st Ed. August 22, 2018
CSA C22.2 No. 330:23, Dated February 2023

Authorized by:

Effective date: 16 May 2025

Mark Lohmann
Certifier



SGS operates certification programs under the authority of several accreditation or recognition bodies including A2LA, ANAB, OSHA NRTL, and Standards Council of Canada. This certificate is issued by the company under its General Conditions for Certification Services accessible at https://www.sgs.com/en/terms-and-conditions. Attention is drawn to the limitations of liability defined therein and in the Test Report here above mentioned which findings are reflected in this Certificate. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

**Certification Body**

Connectivity & Products, a division of SGS North America Inc.
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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; 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

UL1741 SECTION 92 TO SECTION 99, SEPTEMBER 28, 2021 - PHOTOVOLTAIC RAPID SHUTDOWN SYSTEMS

UL1741 CRD Non-Isolated EPS Interactive PV Inverters Rated Less Than 30Kva (Dated April 26, 2010)

**Technical Data:**

**EHD8K**

PV side: 90-550V(580Vmax), 16A*3, 19.2A

Batteries side: 85-480V, 33.3A/33.3Amax

AC grid side: 120/240Vac (Split phase) / 208Vac (2/3 phase), 60Hz, 33.3A(33.3Amax), 8000W

EPS (*) side: 120/240Vac (Split phase) / 208Vac (2/3 phase), 60Hz, 33.3A(33.3Amax), 8000VA

**EHD10K**

PV side: 90-550V(580Vmax), 16A*4, 19.2A

Batteries side: 85-480V, 41.7A/41.7Amax

AC grid side: 120/240Vac (Split phase) / 208Vac (2/3 phase), 60Hz, 41.7A(41.7Amax), 10000W

EPS (*) side: 120/240Vac (Split phase) / 208Vac (2/3 phase), 60Hz, 41.7A(41.7Amax), 10000VA

**EHD12K**

PV side: 90-550V(580Vmax), 16A*4, 19.2A

Batteries side: 85-480V, 50.0A/50.0Amax

AC grid side: 120/240Vac (Split phase) / 208Vac (2/3 phase), 60Hz, 50.0A(50.0Amax), 12000W

EPS (*) side: 120/240Vac (Split phase) / 208Vac (2/3 phase), 60Hz, 50.0A(50.0Amax), 12000VA

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



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