

CERTIFICATE OF COMPLIANCE

Certificate Number: SGSNA/24/GZ/00267

Contract Number: 800420

Certificate Project Number: GZ-CERT240903265

Certified Product: Hybrid Inverter

Trademarks: NeoVolta

Model(s): NV5000, NV6000, NV7600, NV8000

Technical Data: See Page 2-3

Certificate Holder: NeoVolta Inc.

13651 Danielson Street, Suite A, 92064, Poway, California, 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, Third Edition, Dated September 28, 2021 (including UL 1741 Supplement SB)

UL 1699B, 1st Ed. August 22, 2018

CSA C22.2 NO. 107.1-16

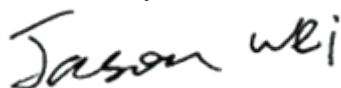
Compliance with IEEE Standard for Interconnection and Interoperability of Distributed Energy Resources with Associated Electric Power Systems Interfaces – IEEE Std 1547:2018 (Revision of IEEE Std 1547:2003), approved 15 February 2018. (Refer to IEEE Std 1547.1:2020, approved 5 March 2020.)

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: 27 September 2024



Jason Wei
Certifier



Certification Body

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

NV5000

AC side for on grid:
 208 / 240Vac (120Va.c), 60Hz, 20.9A,
 5000W (5500W max.)

AC side for off grid:
 208 / 240Vac (120Va.c), 60Hz, 20.9A, 5000W
 Max. Continuous AC Passthrough: 35A
 Peak Output Power: 10000W 10s

AC side for charge mode:
 208 / 240Vac (120Va.c), 60Hz, 20.9A, 5000W
 PV side: 370Vdc(125-500Vdc), 20A/20A, 7500W max.
 Battery side: 48Vdc(40Vdc-60Vdc), 120A max

NV6000

AC side for on grid:
 208 / 240Vac (120Va.c), 60Hz, 25A, 6000W

AC side for off grid:
 208 / 240Vac (120Va.c), 60Hz, 25A, 6000W
 Max. Continuous AC Passthrough: 40A
 Peak Output Power: 12000W 10s

AC side for charge mode:
 208 / 240Vac (120Va.c), 60Hz, 25A, 6000W
 PV side: 370Vdc(125-500Vdc), 20A/20A, 9000W max.
 Battery side: 48Vdc(40Vdc-60Vdc), 135A max.;

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Technical Data: NV7600

AC side for on grid:
 208 / 240Vac (120Va.c), 60Hz, 32A, 7680W

AC side for off grid:
 208 / 240Vac (120Va.c), 60Hz, 32A, 7680W

Max. Continuous AC Passthrough: 50A

Peak Output Power: 15360W 10s

AC side for charge mode:
 208 / 240Vac (120Va.c), 60Hz, 32A, 7680W

PV side: 370Vdc(125-500Vdc), 26A/26A, 11400W max.

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

NV8000

AC side for on grid:
 208 / 240Vac (120Va.c), 60Hz, 33.4A, 8000W

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, 8000W max.

PV side: 370Vdc(125-500Vdc), 26A/26A, 12000W max.

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

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