

CERTIFICATE OF COMPLIANCE

Certificate Number: SGSNA/22/GZ/00159

Contract Number: 800420
Certificate Project Number: GZ-CERT220601564

Certified Product: Hybrid Inverter
Trademarks: 

Model(s): NV5000, NV6000, NV7600, NV8000
Technical Data: See Page 2-3

Certificate Holder: NeoVolta Inc.
NeoVolta Inc., 13651 Danielson Street, Suite A, Poway CA 92064, 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)
CSA C22.2 NO. 107.1-16

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

Following point of the standard need to be evaluated in the end product:

When the Inverter is installed, the wire-bending space must be greater than 216mm in the case of one wire at each terminal, or 114mm in the case of two wires at each terminal

Authorized by:

Effective date: 14 July 2022



Jason Wei
Certifier



Certification Body

Connectivity & Products, a division of SGS North America Inc.
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CERTIFICATE OF COMPLIANCE

Certificate Number: **SGSNA/22/GZ/00159**

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Technical Data:

NV8000

AC side for on grid:
 208 / 240Vac (120Va.c), 60Hz, 33.3A (36.7A max.),
 8000W (8800W max.)
 AC side for off grid:
 208 / 240Vac (120Va.c), 60Hz, 33.3A,8000W
 Max. Continuous AC Passthrough: 50A
 Peak Output Power: 16000W 10s
 AC side for charge mode:
 208 / 240Vac (120Va.c), 60Hz, 33.3A (36.7A max.),
 8800W max.
 PV side:370Vdc(125-500Vdc), 26A/26A, 10400W max.
 Battery side: 48Vdc(40Vdc-60Vdc), 190A max.

NV7600

AC side for on grid:
 208 / 240Vac (120Va.c), 60Hz, 31.7A (34.8A max.),
 7600W (8360W max.)
 AC side for off grid:
 208 / 240Vac (120Va.c), 60Hz, 31.7A, 7600W
 Max. Continuous AC Passthrough: 50A
 Peak Output Power: 15200W 10s
 AC side for charge mode:
 208 / 240Vac (120Va.c), 60Hz, 31.7A (34.8A max.),
 8360W max
 PV side:370Vdc(125-500Vdc), 26A/26A, 9880W max.
 Battery side: 48Vdc(40Vdc-60Vdc), 190A max.

Certification Body

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Technical Data: **NV6000**

AC side for on grid:
 208 / 240Vac (120Va.c), 60Hz, 25A (27.5A max.),
 6000W (6600W max.)

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 (28.8A max.),
 6600W max
 PV side:370Vdc(125-500Vdc), 23A/16A, 7800W max.
 Battery side: 48Vdc(40Vdc-60Vdc), 135A max.

NV5000
 AC side for on grid:
 208 / 240Vac (120Va.c), 60Hz, 20.8A (22.9A max.),
 5000W (5500W max.)

AC side for off grid:
 208 / 240Vac (120Va.c), 60Hz, 20.8A, 5000W
 Max. Continuous AC Passthrough: 35A
 Peak Output Power: 10000W 10s

AC side for charge mode:
 208 / 240Vac (120Va.c), 60Hz, 20.8A (22.9A max.),
 5500W max
 PV side:370Vdc(100-500Vdc), 13A/13A, 6500W max.
 Battery side: 48Vdc(40Vdc-60Vdc), 120A max

Certification Body