



CERTIFICATE OF COMPLIANCE

Certificate Number: SGSNA/25/GZ/00313

Contract Number: 803574

Certificate Project Number: GZ-CERT240200408

Certified Product: Hybrid Solar Inverter

Trademarks: N E O V O L T A

Model(s): NV12KAC, NV16KAC

Technical Data: See Page 2

Certificate Holder: NeoVolta Inc.

12195 Dearborn Place, 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)

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

UL 1741 Supplement SA, 2010 Ed.2 Rev Feb. 15, 2018

Authorized by:

Effective date: 29 August 2025



Mark Lohmann
Certifier



Certification Body

Connectivity & Products, a division of SGS North America Inc.
620 Old Peachtree Road, Ste. 100, Suwanee, GA 30024, USA
t +1 770 570 1800 f +1 770 277 1240 www.sgs.com



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Technical Data:

NV12KAC
PV side: 120-430V(500Vmax), 16A*4, 22A;
Batteries side: 40-58V, 250A/260Amax
AC grid side: 120Vac/240Vac Split phase, 60Hz, 50.0A(55.0Amax),
-0.8~+0.8
EPS(*) side: 120Vac/240Vac, Split phase, 60Hz, 12KVA(No PV), 13.2KVA(With PV), 50.0A(55.0Amax);

NV16KAC
PV side: 120-430V(500Vmax), 20A*4, 25A;
Batteries side: 40-58V, 260A/280Amax
AC grid side: 120Vac/240Vac Split phase, 60Hz, 66.7A(73.3Amax),
-0.8~+0.8
EPS(*) side: 120Vac/240Vac, Split phase, 60Hz, 13.2KVA(No PV),
13.2KVA(With PV), 50.0A(55.0Amax)

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

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

Generating Facility Interconnections- CPUC Rule 21 Effective on Jul 30, 2017

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

UL 1741 (April 20, 2010 Ed.2) CRD, Subject: Power Control Systems (PCS)

Certification Body