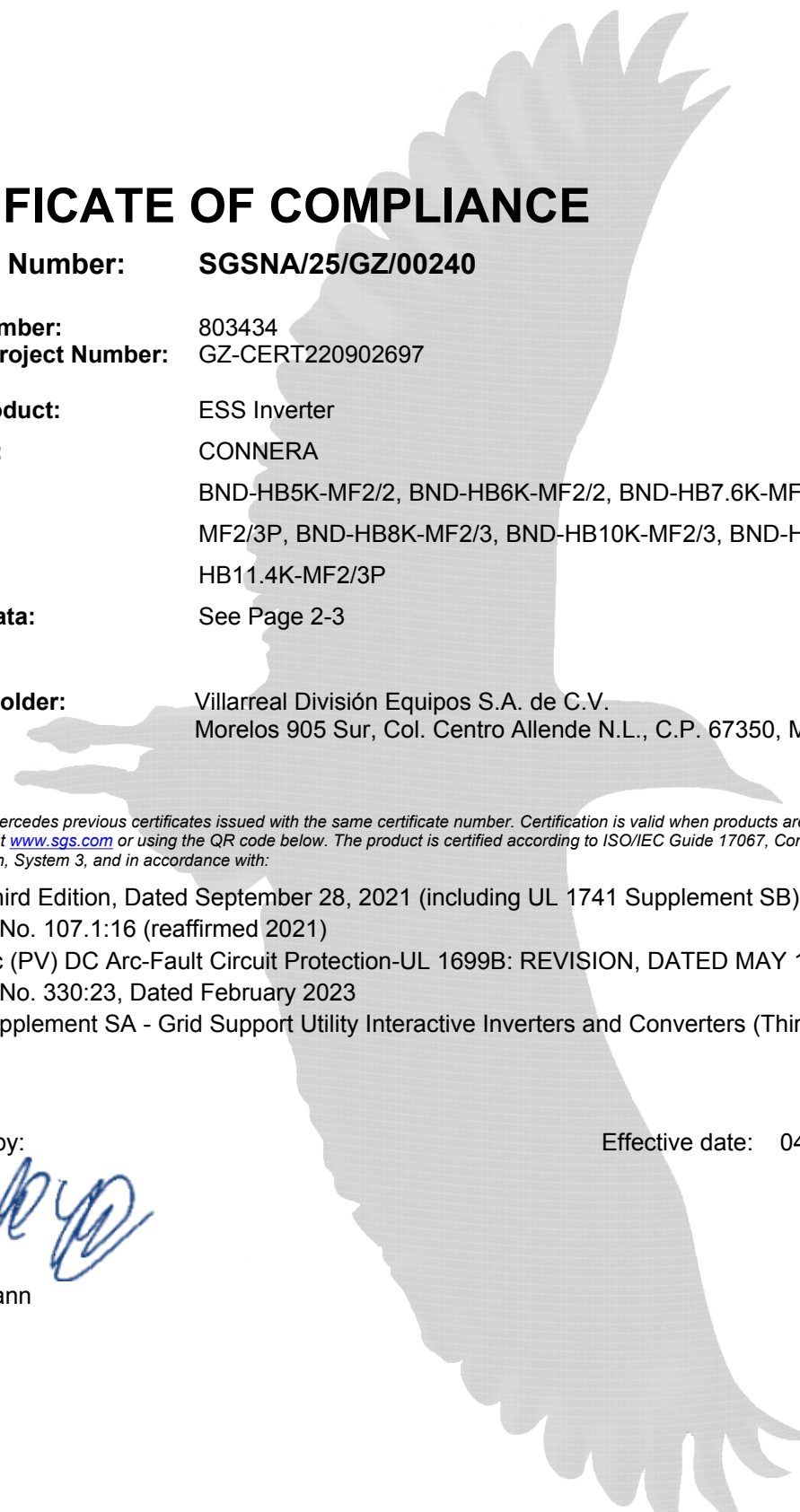




CERTIFICATE OF COMPLIANCE

Certificate Number: SGSNA/25/GZ/00240

Contract Number: 803434

Certificate Project Number: GZ-CERT220902697

Certified Product: ESS Inverter

Trademarks: CONNERA

Model(s): BND-HB5K-MF2/2, BND-HB6K-MF2/2, BND-HB7.6K-MF2/3, BND-HB7.6K-MF2/3P, BND-HB8K-MF2/3, BND-HB10K-MF2/3, BND-HB11.4K-MF2/3, BND-HB11.4K-MF2/3P

Technical Data: See Page 2-3

Certificate Holder: Villarreal División Equipos S.A. de C.V.
Morelos 905 Sur, Col. Centro Allende N.L., C.P. 67350, Mexico

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)

Photovoltaic (PV) DC Arc-Fault Circuit Protection-UL 1699B: REVISION, DATED MAY 18, 2021

CSA C22.2 No. 330:23, Dated February 2023

UL 1741 Supplement SA - Grid Support Utility Interactive Inverters and Converters (Third Edition, Dated MAY 19, 2023)

Authorized by:

Effective date: 04 July 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



CERTIFICATE OF COMPLIANCE

Certificate Number: SGSNA/25/GZ/00240

Contract Number: 803434

Certificate Project Number: GZ-CERT220902697

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)

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

Technical Data:

BND-HB5K-MF2/2

PV Input side: 70-540Vd.c(600Vmax), 30/22Amax;

Batteries side: 40-64Vd.c, 210/130Amax (Charge/Discharge)

AC output (On grid): 120/240Va.c (Split phase)/208Va.c(2/3 phase), 20.9A(22.9Amax), 60Hz, 5kW, -0.8~+0.8

AC output (Off grid): 120/240Va.c (Split phase)/ 208Va.c(2/3 phase), 5.0kW, 60Hz

BND-HB6K-MF2/2

PV Input side: 70-540Vd.c(600Vd.cmax), 30/22Amax;

Batteries side: 40-64Vd.c, 210/130Amax(Charge/Discharge)

AC output (On grid): 120/240Va.c (Split phase)/ 208Va.c(2/3phase), 25A(27.5Amax), 60Hz, 6kW, -0.8~+0.8

AC output (Off grid): 120/240Va.c (Split phase)/ 208Va.c(2/3 phase), 6.0kW, 60Hz

BND-HB7.6K-MF2/3

PV Input side: 70-540Vd.c(600Vd.cmax), 30/22/22Amax;

Batteries side: 40-64Vd.c, 210/180Amax(Charge/Discharge)

AC output (On grid): 120/240Va.c (Split phase)/208Va.c(2/3 phase), 31.7A(34.8Amax), 60Hz, 7.6kW, -0.8~+0.8

AC output (Off grid): 120/240Va.c (Split phase)/ 208Va.c(2/3 phase), 7.6kW, 60Hz

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

CERTIFICATE OF COMPLIANCE

Certificate Number: SGSNA/25/GZ/00240

Contract Number: 803434
Certificate Project Number: GZ-CERT220902697

Technical Data:

BND-HB7.6K-MF2/3P

PV Input side: 70-540Vd.c(600Vd.cmax), 30/22/22Amax;
 Batteries side: 40-64Vd.c, 210/180Amax(Charge/Discharge)
 AC output (On grid): 120/240Va.c (Split phase)/208Va.c(2/3 phase),
 31.7A(31.7Amax), 60Hz, 7.6kW, -0.8~+0.8
 AC output (Off grid): 120/240Va.c (Split phase)/
 208Va.c(2/3 phase), 7.6kW,60Hz

BND-HB10K-MF2/3

PV Input side: 70-540Vd.c(600Vd.cmax), 30/22/22Amax;
 Batteries side: 40-64Vd.c, 210/210Amax(Charge/Discharge)
 AC output (On grid): 120/240Va.c (Split phase)/ 208Va.c(2/3phase),
 41.7A(45.8Amax), 60Hz,10kW, -0.8~+0.8
 AC output (Off grid): 120/240Va.c (Split phase)/
 208Va.c(2/3 phase), 10kW, 60Hz

BND-HB11.4K-MF2/3

PV Input side: 70-540Vd.c(600Vd.cmax), 30/22/22Amax;
 Batteries side: 40-64Vd.c, 210/210Amax(Charge/Discharge)
 AC output (On grid): 120/240Va.c (Split phase)/ 208Va.c(2/3phase),
 41.7A(47.5Amax), 60Hz,10kW, -0.8~+0.8
 AC output (Off grid): 120/240Va.c (Split phase)/
 208Va.c(2/3 phase), 10kW, 60Hz

BND-HB11.4K-MF2/3P

PV Input side: 70-540Vd.c(600Vd.cmax), 30/22/22Amax;
 Batteries side: 40-64Vd.c, 210/210Amax(Charge/Discharge)
 AC output (On grid): 120/240Va.c (Split phase)/ 208Va.c(2/3phase),
 47.5A(47.5Amax), 60Hz,11.4kW, -0.8~+0.8
 AC output (Off grid): 120/240Va.c (Split phase)/
 208Va.c(2/3 phase), 11.4kW, 60Hz

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