

Declaration of Conformity

Certificate Number: DOC_20171003_01
Report Reference: P20171003_01
Issue Date: 4th October 2017

Issued to: **Enphase Energy Inc.**
1420 N.McDowell Blvd. Petaluma, CA 94954-6515

This is to certify that representative samples of

Utility-interconnected photovoltaic inverters with advanced grid functions

Models:
S270-72-LN-X-YY
S230-60-LN-X-YY
B270-1200-LN-I-XXX-YVZ

Have been investigated by Enphase Energy NZ Ltd., IANZ accreditation no.: 1273 in accordance with the Standard(s) indicated.

Standard(s) for Safety: BS EN 50438:2013 – Requirements for micro-generating plants to be connected in parallel with public low-voltage distribution networks (including requirements of A.13 for Ireland).

Additional Information: See Enphase Energy NZ Ltd test report P20171003_01 for full test data.



This is a self-certification document to certify that representative samples of the products specified on this certificate were tested and comply with the standards listed in this certificate.

This certificate provides full self-certification compliance with BS EN 50438:2013

Prepared by:



Daniel Keis
Enphase Energy

Signed on behalf of Enphase Energy, Inc.

6 October 2017
Christchurch, New Zealand



Manuel Shimasaki
Director, Global Certification

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Manufacturer's stated accuracy

Unit of measure	Tolerance
Volts	± 1 %
Amps	± 2 %
Watts	± 5 %
Var	± 3 %
Displacement power factor	± 2 %
Frequency	± 0.1 Hz
Time	The greater of ± 2 % or 0.1 % of total clearing time

Inverter Ratings - Output	Model: S270-72-LN-X-YY
Nominal output voltage (V AC)	230 V
Normal output frequency (Hz)	50 Hz
Rated output current (A AC)	1.15 A
Rated output (VA)	260 VA (260W)
Maximum air ambient	65 °C

Inverter Ratings - Output	Model: S230-60-LN-X-YY
Nominal output voltage (V AC)	230 V
Normal output frequency (Hz)	50 Hz
Rated output current (A AC)	0.95 A
Rated output (VA)	220 VA (220 W)
Maximum air ambient	65 °C

Inverter Ratings - Output	Model: B270-1200-LN-XXX-YVZ
Nominal output voltage (V AC)	230 V
Normal output frequency (Hz)	50 Hz
Rated output current (A AC)	1.15 A
Rated output (VA)	260 VA (260W)
Maximum air ambient	65 °C

Signed on behalf of Enphase Energy, Inc.

6 October 2017
 Christchurch, New Zealand



Manuel Shimasaki
 Director, Global Certification