

Declaration of Conformity

Certificate Number: DOC_20171107_01
Report Reference: P20171107_01
Issue Date: 13 December 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:
IQ7PLUS-72-X-Y-Z
IQ7-60-X-Y-Z

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

Standard(s)

- BS EN 61000-6-2: 2005 – Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments,
- BS EN 61000-6-3: 2007 +A1- Electromagnetic compatibility (EMC). Generic standards. Emission standard for residential, commercial and light-industrial environments,
- BS EN 50065-1: 2011- Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz. General requirements, frequency bands and electromagnetic disturbances,
- BS EN 50065-2-2: 2003- Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz. Immunity requirements for mains communications equipment and systems operating in the range of frequencies 95 kHz to 148,5 kHz and intended for use in industrial environments,
- BS EN 61000-3-2: 2014- Electromagnetic compatibility (EMC). Limits. Limits for harmonic current emissions (equipment input current ≤ 16 A per phase),
- BS EN 61000-3-3: 2013- Electromagnetic compatibility (EMC). Limits. Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection.

See Enphase Energy NZ Ltd test report E20171107_01 for full test data.

Additional Information:

Model nomenclature details:
X = 2 or 5 (2 = Multicontact PV connector, 5 = Amphenol PV connector)
Y = blank or ACM (X marking not required)
Z = blank or any letter for country of intended installation (eg: US for North America, INT for International)

This document certifies that representative samples of the products specified in this certificate were tested and comply with BS EN 61000-6-2: 2005, BS EN 61000-6-3: 2007 +A1, BS EN 50065-1: 2011, BS EN 50065-2-2: 2003, BS EN 61000-3-2: 2014 and BS EN 61000-3-3: 2013.

Prepared by:



Robin Kidson
Enphase Energy

Signed on behalf of Enphase Energy, Inc.

13 December 2017
Christchurch, New Zealand



Manuel Shimasaki
Director, Global Certification

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Inverter Ratings - Output	Model: IQ7PLUS-72-X-Y-Z
Nominal output voltage (V AC)	230 V
Normal output frequency (Hz)	50 Hz
Rated output current (A AC)	1.26 A
Rated output (VA)	290 VA (290W)
Maximum air ambient	65 °C

Inverter Ratings - Output	Model: IQ7-60-X-Y-Z
Nominal output voltage (V AC)	230 V
Normal output frequency (Hz)	50 Hz
Rated output current (A AC)	1.04 A
Rated output (VA)	240 VA (240 W)
Maximum air ambient	65 °C



Signed on behalf of Enphase Energy, Inc.

13 December 2017
Christchurch, New Zealand



Manuel Shimasaki
Director, Global Certification