

CERTIFICATE OF COMPLIANCE

Certificate Number E341165
Report Reference E341165-2021-06-07
Date 2021-June-14

Issued to: ENPHASE ENERGY INC
1420 N McDowell Blvd
Petaluma CA, 94954-6515 US

**This is to certify that
representative samples of**

STATIC INVERTERS, CONVERTERS AND
ACCESSORIES FOR USE IN INDEPENDENT POWER
SYSTEMS

See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

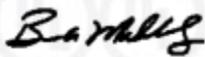
Standard(s) for Safety: See next page for Standards for Safety.

Additional Information: See the UL Online Certifications Directory at
<https://iq.ulprospector.com> for additional information

This Certificate of Compliance does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Models:

USL, CNL - (QIKH, QIKH7), Permanently-connected, Grid Support utility Interactive, 208V Three-phase, distributed resource power system.

Models IQ8D-72-E-US

USL, CNL - (QIJW, QIJW7 complementary Listing), Photovoltaic Rapid Shutdown Equipment.
Models as indicated above unless specifically indicated.

Standards for Safety:

UL 62109-1 Safety of power converters for use in photovoltaic power systems – Part 1: General requirements
UL 1741, STANDARD FOR INVERTERS, CONVERTERS, CONTROLLERS AND INTERCONNECTION SYSTEM EQUIPMENT FOR USE WITH DISTRIBUTED ENERGY RESOURCES (Utility Interaction requirements)
CRD UL1741, Certification Requirement Decision “PV Rapid Shutdown Systems”
CAN/CSA C22.2 No. 62109-1, Safety of Power Converters for Use in Photovoltaic Power Systems - Part 1: General Requirements
CAN/CSA C22.2 No. 62109-2, Safety of Power Converters for Use in Photovoltaic Power Systems - Part 2: Particular Requirements for Inverters
ANSI/UL 1998, Software in Programmable Components
IEC 60730-1, Automatic Electrical Controls – Part 1: General Requirements
IEC 62109-2, SAFETY OF POWER CONVERTERS FOR USE IN PHOTOVOLTAIC POWER SYSTEMS – PART 2: PARTICULAR REQUIREMENTS FOR INVERTERS
IEEE 1547, INTERCONNECTING DISTRIBUTED RESOURCES WITH ELECTRIC POWER SYSTEMS
IEEE 1547.1, IEEE STANDARD CONFORMANCE TEST PROCEDURES FOR EQUIPMENT INTERCONNECTING DISTRIBUTED RESOURCES WITH ELECTRIC POWER SYSTEMS



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