

Enphase IQ8 Series



Brand: Enphase IQ8 Series Microinverters

Product Code: IQ8 Series Models

Availability: 2 - 3 Days

Weight: 0.00kg

Dimensions: 0.00cm x 0.00cm x 0.00cm

Price: \$700.00

Ex Tax: \$700.00

Description

Our newest IQ8 Microinverters are the industry's first microgrid-forming, software defined microinverters with split-phase power conversion capability to convert DC power to AC power efficiently. The brain of the semiconductor-based microinverter is our proprietary application specific integrated circuit (ASIC), which enables the microinverter to operate in grid-tied or off-grid modes. This chip is built using advanced 55 nm technology with high-speed digital logic and has superfast response times to changing loads and grid events, alleviating constraints on battery sizing for home energy systems.

Introduction

IQ8 Series microinverter are the industry's 1st split-phase, grid-forming solar microinverter. They are the safest and most efficient at converting DC to AC power.



Enphase IQ8

(microinverter)

IQ8 Series Microinverters



 ENPHASE.

SPECIFICATIONS :

- **Voltage**
 - **Minimum** : 25 VDC *
 - **Maximum** : 58 VDC *
 - *The wider the range of voltages, the better an inverter can perform across a variety of solar output conditions.
 - **Nighttime Power Consumption** : 0.06W
 - **Cooling** : Natural Convection - No fans
 - **Weight** : 2.38 lb
 - **Enclosure** : NEMA 6 - Class II double-insulated, corrosion resistant polymeric
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- **Certifications** : CA Rule 21 (UL 1741-SA), UL 62109-1, UL1741/IEEE1547, FCC Part 15 Class B, ICES-0003 Class B, CAN/CSA-C22.2 NO. 107.1-01 This product is UL Listed as PV Rapid Shut Down Equipment and conforms with NEC 2014, NEC 2017, and NEC 2020 section 690.12 and C22.1-2018 Rule 64-218 Rapid Shutdown of PV Systems, for AC and DC conductors, when installed according to manufacturer's instructions.

[Learn More](#) 

Inverter Overview

Inverter Overview :

Enphase IQ8 Series Models

- IQ8-60-2-US

- Q8PLUS-72-2-US
- Q8M-72-2-US
- Q8A-72-2-US
- Q8H-240-72-2-US
- **Type** : Microinverter / panel-level DC-AC conversion
- **Efficiency Rating** : 97.5%
- **Warranty** : 25 Years
- **Rated AC Power Output** : 245-384 W
(Varies depending on the model *see table)
- **Output Voltage** : 240 VAC

Specification

Solar Inverter Configuration	
Efficiency Rating	97.5%
Solar panel compatibility	60/72 cell
Voltage	Minimum : 22 VDC, Maximum : 60 VDC
Solar Batteries Configuration	
Dimensions LxWxH	10" x 7" x 1.2"
Manufacturer	Enphase Energy
Type	Microinverter / panel-level DC-AC conversion