



IQ Energy Router

The IQ Energy Router integrates Enphase solar and battery storage systems with heat pumps and EV chargers to maximize self-consumption and minimize costs. Installers should use the Enphase Installer App and the Enphase Installer Portal to install and maintain the system. Homeowners can use the Enphase App to monitor energy and control the system.

ENVIRONMENTAL SPECIFICATIONS, STANDARD AND CERTIFICATIONS		HEMS-GW-01
Temperature range		10°C to 40°C
Directive		RoHS, WEEE, REACH
Flammability		UL94
EMC		EN 55032: 2015
Electrical safety		EN IEC 62368-1:2020+A11: 2020
Certification		CE
Max. radiated power		<10 dBm
Frequency		2405 – 2480 MHz
ELECTRICAL SEPCIFICATION		
Input voltage		5 VDC
Input current		1 A
Consumption		5 W
MECHANICAL DATA		
Weight		114 g
Height		27.3 mm
Width		96.1 mm
Length		96.6 mm
Ehternet port		RJ45
Color		White
DC power cable		USB A to 5 V DC jack cable (2.5 mm × 5.5 mm barrel connector)
EU power supply - voltage		100 V–240 V@ 50 Hz–60 Hz
EU power supply - current		0.2 A
PACKAGING SPECIFICATION		
Weight		270 g
Height		72 mm
Width		115 mm
Length		117 mm
Included in box		EU power supply USB A to jack cable (2.5 mm × 5.5 mm DC plug) CAT 6 Ethernet cable with RJ45

Control

- Intelligently control heat pumps and EV chargers using the Enphase App
- Maximize self-consumption
- Minimize costs

Simple

- Easy installation
- Autonomous operation

Reliable

- Designed for indoor installation
- 5-year limited warranty



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Revision history

REVISION	DATE	DESCRIPTION
DSH-00065-1.0	June 2023	Initial release
Previous releases		