


# 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, WEE, REACH |
| Flammability | UL94 |
| EMC | EN 55032: 2015 |
| Electrical safety | EN 60950-1: 2006 + A1: 2010 + A11: 2009 + A12: 2011 |
| Certification | CE |
| **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 x 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<br>USB A to jack cable (2.5 mm x 5.5 mm DC plug)<br>CAT 6 Ethernet cable with RJ45 |

### Control

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

### Simple

- Easy installation
- Autonoumous operation

### Reliable

- Designed for indoor installation
- 5-year limited warranty

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IQER-DS-0124-EN-US-V1-2023-03-03