

# Envoy Communications Gateway™



The Enphase **Envoy® Communications Gateway** is the networking hub for the Enphase Microinverter System.

System owners can easily check the status of their solar system using the Envoy's LCD display or they can get more detailed information through Enlighten®, Enphase's web-based monitoring and analysis software, included with purchase of Envoy.

## SMART

- Includes web-based monitoring & control
- Integrates with smart energy devices

## SIMPLE

- Plug & play installation
- Automatic upgrades & diagnostics

## RELIABLE

- 24/7 monitoring & analysis
- Advanced data management & storage

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### INTERFACE

|                           |                                       |
|---------------------------|---------------------------------------|
| Power Line Communications | Enphase proprietary                   |
| Local Area Network (LAN)  | 10/100 auto-sensing, auto-negotiating |

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### POWER REQUIREMENTS

|                   |                                    |
|-------------------|------------------------------------|
| AC supply         | 120 VAC, 60 Hz                     |
| Power consumption | 2.5 watts typical, 7 watts maximum |

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### CAPACITY

|                                 |                       |
|---------------------------------|-----------------------|
| Number of microinverters polled | Recommended up to 500 |
|---------------------------------|-----------------------|

For commercial installations, multiple Envoy devices are used in combination with Line Communications Filters (LCF) to separate networking domains across the site.

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### MECHANICAL DATA

|                                |  |
|--------------------------------|--|
| Dimensions (WxHxD)             | 222.5 mm x 112 mm x 43.2 mm (8.8" x 4.4" x 1.7") |
| Weight                         | 340 g (12 oz.)                                   |
| Ambient temperature range      | -40°C to +65°C (-40° to 149°F)                   |
| Cooling                        | Natural convection—no fans                       |
| Enclosure environmental rating | Indoor NEMA 1                                    |

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### FEATURES

|                        |   |
|------------------------|---|
| Standard warranty term | One year                                      |
| Compliance             | UL 60950-1, EN 60950-1<br>FCC Part 15 Class B |