



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, per module 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



ENVOY COMMUNICATIONS GATEWAY

Interface

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

Power Requirements

AC supply	120Vac, 60Hz
Power Consumption	2.5 watts typical, 7 watts maximum

Capacity

Envoy SKU	Microinverters supported
ENV-120	500
IEMU-03	250

For many commercial installations, multiple “LCF Envoys” must be used in combination to filter electrical noise and separate networking domains across the site. See the Line Communications Filter (LCF) data sheet for further information on the LCF Envoy (SKU: ELCF-120).

Mechanical Data

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

Features

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