

# Enphase MyEnlighten App and Envoy S Communications Gateway™



## MyEnlighten & Envoy S - monitor, manage, track their energy production

MyEnlighten together with the Envoy S Communication Gateway provides a monitoring experience built specifically for the system owner. Delivering at-a-glance verification, allowing homeowners track their energy production and consumption, easily verify system health and performance, View energy production by month, day, or hour and analyze performance against historical weather data.



### ENVOY S COMMUNICATION GATEWAY

The brains behind smart home energy, collecting real-time data from your microinverters and delivering remote updates back out to them, the Envoy S keeps your entire system in constant communication.

### MYENLIGHTEN - PRODUCTION VIEW

#### SEE SYSTEM STATUS

System status provides a simple system overview and provides troubleshooting tips.

#### VIEW PAST PRODUCTION

Historical production data lets you view your system's monthly, daily, or hourly production.

### MYENLIGHTEN - ENERGY USAGE

#### AT A GLANCE OVERVIEW

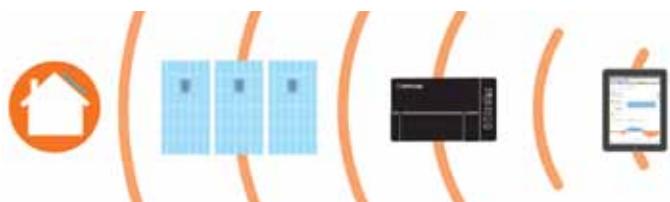
Quickly view Enphase system production, home energy usage, net energy and the day's

#### ENERGY USAGE DETAIL

See home energy usage in monthly, daily or fifteen minute intervals.

#### VISUALIZE TRENDS

Blue represents Enphase system production  
orange shows how much energy is being used.



A CONNECTED SYSTEM IS A SMARTER SYSTEM

# Technical Specifications



## Enphase Envoy-S

### MODEL NUMBERS

Enphase Envoy-S Standard™ ENV-S-AB-120-A	Enphase Envoy-S communications gateway with basic PV production monitoring (+/- 5%).
Enphase Envoy-S Metered™ ENV-S-AM1-120	Enphase Envoy-S communications gateway with integrated revenue grade PV production metering (ANSI C12.20 +/- 0.5%) and optional consumption monitoring (+/- 2.5%).

### ACCESORIES (Order Separately)

Enphase Mobile Connect™ CELLMODEM-01	Plug and play industrial grade cellular modem with five-year data plan for systems up to 60 microinverters. (Available in the US, Canada, Mexico, Puerto Rico, and the US Virgin Islands, where there is adequate cellular service in the installation area.)
Consumption Monitoring CT CT-200-SPLIT	For use with ENV-S-AM1-120, split-core current transformers enable whole home consumption metering (+/- 2.5%).

### POWER REQUIREMENTS

Cord connected	120 VAC, 60 Hz (ENV-S-AB-120-A) Max 15 A overcurrent protection required
Hardwired	120 VAC, 60 Hz (ENV-S-AB-120-A) 120/240 VAC split-phase (ENV-S-AM1-120) Max 15 A overcurrent protection required

### CAPACITY

Number of microinverters polled	Up to 600
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### MECHANICAL DATA

Dimensions (WxHxD)	21.3 x 12.6 x 4.5 cm (8.4" x 5" x 1.8")
Weight	17.6 oz (498 g)
Ambient temperature range	-40° to 65° C (-40° to 149° F) -40° to 46° C (-40° to 115° F) if installed in an enclosure
Environmental rating	IP30. For installation indoors or in an NRTL-certified, NEMA type 3R enclosure.
Altitude	To 2000 meters (6,560 feet)

### INTERNET CONNECTION OPTIONS

Integrated Wi-Fi	802.11b/g/n
Ethernet	802.3, Cat5E (or Cat 6) UTP Ethernet cable (not included)
Mobile	Optional, CELLMODEM-01 (not included)

### COMPLIANCE

Compliance	UL 916 CAN/CSA C22.2 No. 61010-1 47 CFR, Part 15, Class B, ICES 003 IEC/EN 61010-1:2010, EN50065-1, EN61000-4-5, EN61000-6-1, EN61000-6-2 Metering: ANSI C12.20 accuracy class 0.5 (ENV-S-AM1-120)
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## Enphase MyEnlighten App for System Owners

### AVAILABLE FROM

Get it at the App Store or Google Play



MyEnlighten, system owners can track their energy production, monitor their system's health, and share their data with family and friends, all from a simple, mobile-friendly interface.

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