

# Enphase **Envoy-S Metered**



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The Enphase® **Envoy-S Metered** communications gateway delivers solar production and energy consumption data to Enphase® Enlighten monitoring and analysis software for comprehensive, remote maintenance and management of the Enphase System.

With production metering and consumption monitoring options, Envoy-S is the platform for total energy management and integrates with the Enphase® AC Battery.

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## **SMART**

- Enables web-based monitoring and control
- Bidirectional communications for remote upgrade

## **SIMPLE**

- Easy system configuration using Installer Toolkit mobile app
- Flexible networking with Wi-Fi, Ethernet, or mobile

## **RELIABLE**

- Designed for installation indoors or in an outdoor enclosure
- Five-year warranty

**MODEL NUMBERS**

Envoy-S, Metered  
ENV-S-WM1-230 (single-phase)      Enphase® Envoy-S communications gateway with integrated single phase PV and consumption metering.

**ACCESSORIES** (Order Separately)

Enphase® Mobile Connect  
CELLMODEM-02      Plug and play industrial grade mobile modem with five-year data plan for systems up to 12 kW. (Available where there is adequate mobile service in the installation area.)

**POWER REQUIREMENTS**

Hardwired      230 VAC single-phase (ENV-S-WM1-230)  
Max 16 A overcurrent protection required

**CAPACITY**

Number of microinverters polled      Up to 600

**MECHANICAL DATA**

Dimensions (WxHxD)      213 x 126 x 45 mm

Weight      0.5 kg

Ambient temperature range      -40° to 65° C  
-40° to 46° C if installed in an enclosure

Environmental rating      IP30. For installation indoors or in an IP54-rated (or better) enclosure.

Altitude      To 2000 meters

USB ports      Two USB 2.0 ports, auto-sensing, auto-negotiation

**INTERNET CONNECTION OPTIONS**

Integrated Wi-Fi      802.11b/g/n (2.4 GHz, 5 GHz)

Ethernet      Optional, 802.3, Cat5E (or Cat 6) UTP Ethernet cable (not included)

Mobile      Optional, CELLMODEM-02 (not included)

**COMPLIANCE**

Compliance      IEC/EN 61010-1:2010,  
EN50065-1, EN61000-4-5, EN61000-6-1, EN61000-6-2

To learn more about Enphase Microinverter technology,  
visit [enphase.com/au](http://enphase.com/au)

