

Enphase **Envoy-S Metered**



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.

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

