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

ENPHASE.

CE

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 60 microinverters. (Available where there is adequate mobile service in the installation area.)

POWER REQUIREMENTS

Hardwired	230 VAC or 400Y/230 VAC, 50 Hz, single-phase (ENV-S-WM1-230) Max 20 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**

ENPHASE.

01/25/2016