# 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, 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 the Enphase Installer Toolkit™ mobile app
- Flexible networking with Wi-Fi, Ethernet, or mobile
- DIN rail mount

## Reliable

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

# Enphase Envoy-S Metered

| MODEL NUMBER | |
|---|---|
| Envoy-S Metered<br>ENV-S-AM1-230-60 | Enphase Envoy-S communications gateway with integrated PV and consumption metering.<br>Includes two CTs (200A limit). Production and consumption meter: +/-2% accuracy. |

| POWER REQUIREMENTS | |
|---|---|
| Hardwired | 200 VAC to 240 VAC, 60Hz |
| | Max 20A over current 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,<br>EN50065-1, EN61000-4-5, EN61000-6-1, EN61000-6-2 |

To learn more about Enphase offerings, visit **www.enphase.com/philippines**

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