Data Sheet
Enphase Networking

Enphase Envoy-S Standard

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

With multiple Internet connection options, Envoy-S Standard allows for ideal installation flexibility.



Smart

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

Simple

- Easy system configuration using Enphase 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

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Enphase Envoy-S Standard

MODEL NUMBERS	
Envoy-S Standard ENV-S-WB-230	Enphase Envoy-S communications gateway with basic PV production monitoring (+/- 5%).
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. Max 20 A 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. If installed outdoors, install the Envoy-S 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

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