Data Sheet
Enphase Networking
Region: EUROPE

Enphase IQ Gateway Metered 2

The Enphase IQ Gateway Metered 2 communications gateway delivers solar production and energy consumption data to Enphase Installer Platform monitoring and analysis software for comprehensive, remote maintenance and management of the Enphase System.

With production metering and consumption monitoring on up to three phases, IQ Gateway Metered 2 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 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

CE

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

ENPHASE

Enphase IQ Gateway Metered 2

MODEL NUMBER	
IQ Gateway Metered 2 ENV-S-EM-230	Enphase IQ Gateway Metered 2 communications gateway with integrated PV and consumption metering. Includes two CTs (100A limit). Production and consumption meter: +/-1% accuracy.
ACCESSORIES (Order Separately)	
Current transformers (CTs) CT-100-SPLIT-ROW	Lead length 4 m, extendable to 213 m depending on wire type (see installation manual). WxHxD: 40 mm x 26 mm x 27 mm. Order extra CTs if monitoring multiple phases.
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 line communications phase coupler	Required for multiphase PV systems
POWER REQUIREMENTS	
Hardwired	230 VAC or 400Y/230 VAC, 50 Hz 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 (Only plug in Enphase devices)
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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