

Enphase IQ Commercial Gateway

The **Enphase IQ Commercial Gateway** delivers solar production and energy consumption data to Enphase Installer App monitoring and analysis software for comprehensive, remote maintenance and management of three-phase Enphase IQ Systems.

With integrated production metering and optional consumption monitoring, the IQ Gateway is the platform for total energy management and integrates with the IQ Microinverters and Enphase IQ Battery.



Smart

- Enables web-based monitoring and control
- Bidirectional communications for remote upgrades
- Supports power export limiting and zero-export applications

Simple

- Easy system configuration using Enphase Installer App
- Flexible networking with Wi-Fi, Ethernet, or cellular

Reliable

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



LISTED

To learn more about Enphase offerings, visit enphase.com

Enphase IQ Commercial Gateway

MODEL NUMBERS

Enphase IQ Commercial Gateway ENV-IQ-AM3-3P	Three-phase communications gateway with integrated PV production metering (+/- 0.5%) and optional consumption monitoring (+/- 2.5%). Includes three 200A continuous rated production CTs.
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ACCESSORIES (order separately)

Consumption Monitoring CTs CT-200-SPLIT (order three or six, as needed)	Split-core current transformers enable consumption metering.
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POWER REQUIREMENTS

Power requirements	208Y/120 VAC three-phase 220Y/127 VAC three-phase 230Y/133 VAC three phase Max 20 A overcurrent protection required
Typical Power Consumption	5W

CAPACITY

Number of Microinverters polled	Up to 600
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MECHANICAL & ELECTRICAL DATA

Dimensions (WxHxD)	21.3 x 12.6 x 4.5 cm (8.4" x 5" x 1.8")
Weight	17.6 oz (498 g)
Ambient temperature range	-40° to 65° C (-40° to 149° F) -40° to 46° C (-40° to 115° F) if installed in an enclosure
Environmental rating	IP30. For installation indoors or in an NRTL-certified, NEMA type 3R enclosure.
Altitude	Up to 3000 meters (9,842 feet)
Production CTs	- Are limited to 200A of continuous current / 250A OCPD – 72kW AC - Allow for parallel connected CTs for up to 500A – 144kW AC (if possible) - Internal aperture measures 19.36mm to support 250MCM THWN conductors (max) - Accuracy of +/-0.5% for production metering
Consumption CTs	- For electrical services to 250A with parallel runs up to 500A - Internal aperture measures 0.84" x 0.96" (21.33mm x 24.38mm) to support 3/0 THWN conductor - CT wire insulation rating of 600V - Accuracy of +/-2.5% for consumption monitoring

INTERNET CONNECTION OPTIONS

Integrated Wi-Fi	802.11b/g/n
Ethernet	802.3, Cat5E (or Cat 6) UTP Ethernet cable, not included
Mobile	Optional, CELLMODEM-M1 (LTE), CELLMODEM-01 (3G), or CELLMODEM-03 (4G), not included

COMPLIANCE

Compliance	UL 916 CAN/CSA C22.2 No. 61010-1 47 CFR, Part 15, Class B, ICES 003 IEC/EN 61010-1:2010, EN50065-1, EN61000-4-5, EN61000-6-1, EN61000-6-2
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