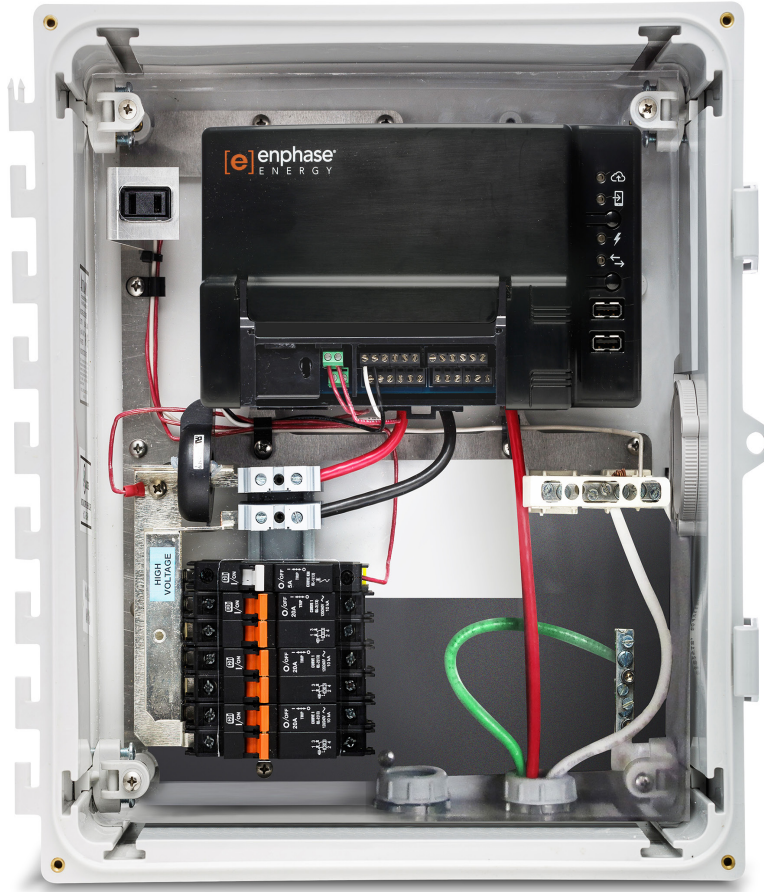


Enphase AC Combiner Box



The Enphase® **AC Combiner Box** with Envoy-S consolidates interconnection equipment into a single enclosure and streamlines PV installations by providing a consistent, pre-wired solution for residential applications.

SMART

- Includes Envoy-S for communication and control
- Flexible networking supports Wi-Fi, Ethernet, or cellular

SIMPLE

- Three pre-installed 20 A / 240 VAC circuit breakers
- Pre-configured revenue-grade metering available

RELIABLE

- Durable NRTL-certified NEMA type 3R enclosure
- Five-year warranty

Enphase AC Combiner Box // DATA

MODEL NUMBERS

AC Combiner Box, Metered XAM1-120	AC combiner with Enphase® Envoy-S Metered for integrated revenue grade PV production metering (ANSI C12.20 +/- 0.5%, pending) and optional consumption monitoring (+/- 2.5%).
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ACCESSORIES (Order Separately)

Enphase® Mobile Connect CELLMODEM-01	Plug and play industrial grade cellular modem with five-year data plan for residential systems up to 12 kW. (Available in the US, Puerto Rico, and the US Virgin Islands.)
Consumption Monitoring CT CT-200-SPLIT	Split core current transformers enable whole home consumption metering (+/- 2.5%).

ELECTRICAL SPECIFICATIONS

Maximum system size	11.5 kW at 240 VAC
Rating	Continuous duty
Maximum system voltage	240 VAC
Rated output current	48 A
Rated input current, each input	16 A
Maximum fuse/circuit breaker rating (output)	60 A
Solar branch circuit breakers	Three 2-pole 20A/240 VAC DIN rail-mounted breakers
Production Metering CT	200A solid core pre-installed on solar busbar and wired to Envoy-S

MECHANICAL DATA

Dimensions (WxHxD)	38.0 x 38.7 x 20.3 cm (15.0" x 15.3" x 8.0")
Weight	5.1 kg (11.2 lbs)
Ambient temperature range	-40° C to +46° C (-40° to 115° F)
Cooling	Vented, natural convection
Enclosure environmental rating	Outdoor, NRTL-certified, NEMA type 3R, polycarbonate construction
Wire size	10 AWG for branch inputs 4 AWG for combined output (3 circuits) 6 AWG for combined output (2 circuits)
Altitude	To 2000 meters (6,560 feet)

INTERNET CONNECTION OPTIONS

Integrated Wi-Fi	802.11b/g/n
Ethernet	802.3, Cat5 Ethernet cable (not included)
Cellular	Optional, order CELLMODEM-01

COMPLIANCE

Compliance, Combiner Box	UL 1741
Compliance, Envoy-S	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 Metering: ANSI C12.20 accuracy class 0.5 (Pending)

To learn more about Enphase Microinverter technology, visit enphase.com

