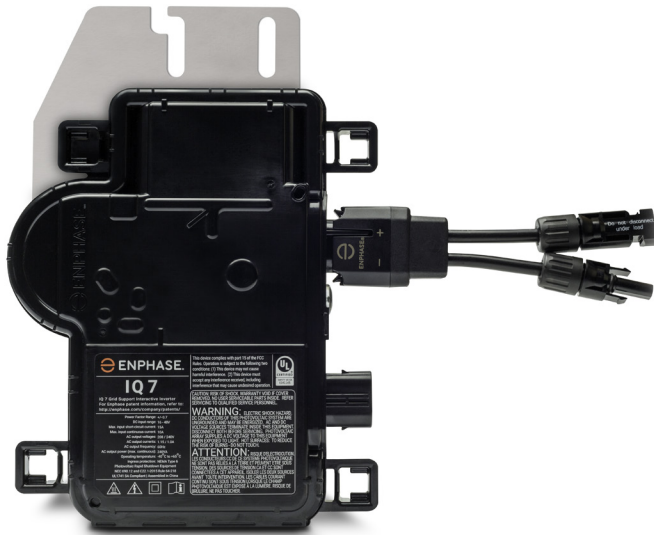


# Enphase IQ 7 and IQ 7+ Microinverters

The high-powered smart grid-ready **Enphase IQ 7 Micro™** and **Enphase IQ 7+ Micro™** dramatically simplify the installation process while achieving the highest system efficiency.

Part of the Enphase IQ System, the IQ 7 and IQ 7+ Microinverters integrate with the Enphase IQ Envoy™, Enphase IQ Battery™, and the Enphase Enlighten™ monitoring and analysis software.

IQ Series Microinverters extend the reliability standards set forth by previous generations and undergo over a million hours of power-on testing, enabling Enphase to provide an industry-leading warranty of up to 25 years.



## Easy to Install

- Lightweight and simple
- Faster installation with improved, lighter two-wire cabling
- Built-in rapid shutdown compliant (NEC 2014 & 2017)

## Productive and Reliable

- Optimized for high powered 60-cell and 72-cell\* modules
- More than a million hours of testing
- Class II double-insulated enclosure
- UL listed

## Smart Grid Ready

- Complies with advanced grid support, voltage and frequency ride-through requirements
- Remotely updates to respond to changing grid requirements
- Configurable for varying grid profiles
- Meets CA Rule 21 (UL 1741-SA)

\* The IQ 7+ Micro is required to support 72-cell modules.



# Enphase IQ 7 and IQ 7+ Microinverters

INPUT DATA (DC)	IQ7-60-2-US		IQ7PLUS-72-2-US	
Commonly used module pairings <sup>1</sup>	235 W - 350 W +		235 W - 440 W +	
Module compatibility	60-cell PV modules only		60-cell and 72-cell PV modules	
Maximum input DC voltage	48 V		60 V	
Peak power tracking voltage	27 V - 37 V		27 V - 45 V	
Operating range	16 V - 48 V		16 V - 60 V	
Min/Max start voltage	22 V / 48 V		22 V / 60 V	
Max DC short circuit current (module I <sub>sc</sub> )	15 A		15 A	
Overvoltage class DC port	II		II	
DC port backfeed current	0 A		0 A	
PV array configuration	1 x 1 ungrounded array; No additional DC side protection required; AC side protection requires max 20A per branch circuit			
OUTPUT DATA (AC)	IQ 7 Microinverter		IQ 7+ Microinverter	
Peak output power	250 VA		295 VA	
Maximum continuous output power	240 VA		290 VA	
Nominal (L-L) voltage/range <sup>2</sup>	240 V / 211-264 V	208 V / 183-229 V	240 V / 211-264 V	208 V / 183-229 V
Maximum continuous output current	1.0 A (240 V)	1.15 A (208 V)	1.21 A (240 V)	1.39 A (208 V)
Nominal frequency	60 Hz		60 Hz	
Extended frequency range	47 - 68 Hz		47 - 68 Hz	
AC short circuit fault current over 3 cycles	5.8 Arms		5.8 Arms	
Maximum units per 20 A (L-L) branch circuit <sup>3</sup>	16 (240 VAC)	13 (208 VAC)	13 (240 VAC)	11 (208 VAC)
Overvoltage class AC port	III		III	
AC port backfeed current	18 mA		18 mA	
Power factor setting	1.0		1.0	
Power factor (adjustable)	0.85 leading ... 0.85 lagging		0.85 leading ... 0.85 lagging	
EFFICIENCY	@240 V	@208 V	@240 V	@208 V
Peak efficiency	97.6 %	97.6 %	97.5 %	97.3 %
CEC weighted efficiency	97.0 %	97.0 %	97.0 %	97.0 %
MECHANICAL DATA				
Ambient temperature range	-40°C to +65°C			
Relative humidity range	4% to 100% (condensing)			
Connector type	MC4 (or Amphenol H4 UTX with additional Q-DCC-5 adapter)			
Dimensions (HxWxD)	212 mm x 175 mm x 30.2 mm (without bracket)			
Weight	1.08 kg (2.38 lbs)			
Cooling	Natural convection - No fans			
Approved for wet locations	Yes			
Pollution degree	PD3			
Enclosure	Class II double-insulated, corrosion resistant polymeric enclosure			
Environmental category / UV exposure rating	NEMA Type 6 / outdoor			
FEATURES				
Communication	Power Line Communication (PLC)			
Monitoring	Enlighten Manager and MyEnlighten monitoring options. Both options require installation of an Enphase IQ Envoy.			
Disconnecting means	The AC and DC connectors have been evaluated and approved by UL for use as the load-break disconnect required by NEC 690.			
Compliance	CA Rule 21 (UL 1741-SA) UL 62109-1, UL1741/IEEE1547, FCC Part 15 Class B, ICES-0003 Class B, CAN/CSA-C22.2 NO. 107.1-01 This product is UL Listed as PV Rapid Shut Down Equipment and conforms with NEC-2014 and NEC-2017 section 690.12 and C22.1-2015 Rule 64-218 Rapid Shutdown of PV Systems, for AC and DC conductors, when installed according manufacturer's instructions.			

1. No enforced DC/AC ratio. See the compatibility calculator at <https://enphase.com/en-us/support/module-compatibility>.

2. Nominal voltage range can be extended beyond nominal if required by the utility.

3. Limits may vary. Refer to local requirements to define the number of microinverters per branch in your area.

To learn more about Enphase offerings, visit [enphase.com](https://enphase.com)



# Enphase IQ 7X Microinverter

The high-powered smart grid-ready **Enphase IQ 7X Micro™** dramatically simplifies the installation process while achieving the highest system efficiency for systems with 96-cell modules.

Part of the Enphase IQ System, the IQ 7X Micro integrates with the Enphase IQ Envoy™, Enphase IQ Battery™, and the Enphase Enlighten™ monitoring and analysis software.

The IQ Series Microinverters extend the reliability standards set forth by previous generations and undergo over a million hours of power-on testing, enabling Enphase to provide an industry-leading warranty of up to 25 years.



## Easy to Install

- Lightweight and simple
- Faster installation with improved, lighter two-wire cabling
- Built-in rapid shutdown compliant (NEC 2014 & 2017)

## Efficient and Reliable

- Optimized for high powered 96-cell\* modules
- Highest CEC efficiency of 97.5%
- More than a million hours of testing
- Class II double-insulated enclosure
- UL listed

## Smart Grid Ready

- Complies with advanced grid support, voltage and frequency ride-through requirements
- Remotely updates to respond to changing grid requirements
- Configurable for varying grid profiles
- Meets CA Rule 21 (UL 1741-SA)

\* The IQ 7X is required to support 96-cell modules.



# Enphase IQ 7X Microinverter

<b>INPUT DATA (DC)</b>		<b>IQ7X-96-2-US</b>	
Commonly used module pairings <sup>1</sup>	320 W - 460 W +		
Module compatibility	96-cell PV modules		
Maximum input DC voltage	79.5 V		
Peak power tracking voltage	53 V - 64 V		
Operating range	25 V - 79.5 V		
Min/Max start voltage	33 V / 79.5 V		
Max DC short circuit current (module I <sub>sc</sub> )	10 A		
Overvoltage class DC port	II		
DC port backfeed current	0 A		
PV array configuration	1 x 1 ungrounded array; No additional DC side protection required; AC side protection requires max 20A per branch circuit		
<b>OUTPUT DATA (AC)</b>		<b>@ 240 VAC</b>	<b>@ 208 VAC</b>
Peak output power	320 VA		
Maximum continuous output power	315 VA		
Nominal (L-L) voltage/range <sup>2</sup>	240 V / 211-264 V	208 V / 183-229 V	
Maximum continuous output current	1.31 A (240 VAC)	1.51 A (208 VAC)	
Nominal frequency	60 Hz		
Extended frequency range	47 - 68 Hz		
AC short circuit fault current over 3 cycles	5.8 Arms		
Maximum units per 20 A (L-L) branch circuit <sup>3</sup>	12 (240 VAC)	10 (208 VAC)	
Overvoltage class AC port	III		
AC port backfeed current	18 mA		
Power factor setting	1.0		
Power factor (adjustable)	0.85 leading ... 0.85 lagging		
<b>EFFICIENCY</b>		<b>@240 VAC</b>	<b>@208 VAC</b>
CEC weighted efficiency	97.5 %	97.0 %	
<b>MECHANICAL DATA</b>			
Ambient temperature range	-40°C to +60°C		
Relative humidity range	4% to 100% (condensing)		
Connector type (IQ7X-96-2-US)	MC4 (or Amphenol H4 UTX with optional Q-DCC-5 adapter)		
Dimensions (WxHxD)	212 mm x 175 mm x 30.2 mm (without bracket)		
Weight	1.08 kg (2.38 lbs)		
Cooling	Natural convection - No fans		
Approved for wet locations	Yes		
Pollution degree	PD3		
Enclosure	Class II double-insulated, corrosion resistant polymeric enclosure		
Environmental category / UV exposure rating	NEMA Type 6 / outdoor		
<b>FEATURES</b>			
Communication	Power Line Communication (PLC)		
Monitoring	Enlighten Manager and MyEnlighten monitoring options Compatible with Enphase IQ Envoy		
Disconnecting means	The AC and DC connectors have been evaluated and approved by UL for use as the load-break disconnect required by NEC 690.		
Compliance	CA Rule 21 (UL 1741-SA) UL 62109-1, UL1741/IEEE1547, FCC Part 15 Class B, ICES-0003 Class B, CAN/CSA-C22.2 NO. 107.1-01 This product is UL Listed as PV Rapid Shut Down Equipment and conforms with NEC-2014 and NEC-2017 section 690.12 and C22.1-2015 Rule 64-218 Rapid Shutdown of PV Systems, for AC and DC conductors, when installed according manufacturer's instructions.		

1. No enforced DC/AC ratio. See the compatibility calculator at <https://enphase.com/en-us/support/module-compatibility>.

2. Nominal voltage range can be extended beyond nominal if required by the utility.

3. Limits may vary. Refer to local requirements to define the number of microinverters per branch in your area.

To learn more about Enphase offerings, visit [enphase.com](https://enphase.com)



# Enphase IQ 7A Microinverter

The high-powered smart grid-ready **Enphase IQ 7A Micro™** dramatically simplifies the installation process while achieving the highest system efficiency for systems with 60-cell and 72-cell modules.

Part of the Enphase IQ System, the IQ 7A Micro integrates with the Enphase IQ Envoy™, Enphase IQ Battery™, and the Enphase Enlighten™ monitoring and analysis software.

The IQ Series Microinverters extend the reliability standards set forth by previous generations and undergo over a million hours of power-on testing, enabling Enphase to provide an industry-leading warranty of up to 25 years.



## High Power

- Peak output power 366 VA @ 240 VAC and 295 VA @ 208 VAC

## Easy to Install

- Lightweight and simple
- Faster installation with improved, lighter two-wire cabling
- Built-in rapid shutdown compliant (NEC 2014 & 2017)

## Efficient and Reliable

- Optimized for high powered 60-cell and 72-cell modules
- Highest CEC efficiency of 97%
- More than a million hours of testing
- Class II double-insulated enclosure
- UL listed

## Smart Grid Ready

- Complies with advanced grid support, voltage and frequency ride-through requirements
- Envoy and Internet connection required
- Configurable for varying grid profiles
- Meets CA Rule 21 (UL 1741-SA)



# Enphase IQ 7A Microinverter

<b>INPUT (DC)</b>		<b>IQ7A-72-2-US</b>	
Commonly used module pairings <sup>1</sup>	295 W–460 W +		
Module compatibility	60-cell, 66-cell, and 72-cell PV modules		
Maximum input DC voltage	58 V		
Power point tracking voltage range <sup>2</sup>	18 V–58 V		
Min/Max start voltage	33 V / 58 V		
Max DC short circuit current (module I <sub>sc</sub> ) <sup>3</sup>	15 A		
Overvoltage class DC port	II		
DC port backfeed current	0 A		
PV array configuration	1 x 1 ungrounded array; No additional DC side protection required; AC side protection requires max 20A per branch circuit		
<b>OUTPUT (AC)</b>		<b>@ 240 VAC</b>	<b>@ 208 VAC</b>
Peak output power	366 VA	295 VA	
Maximum continuous output power	349 VA	290 VA	
Nominal (L-L) voltage/range <sup>4</sup>	240 V / 211–264 V	208 V / 183–229 V	
Maximum continuous output current	1.45 A (240 VAC)	1.39 A (208 VAC)	
Nominal frequency	60 Hz		
Extended frequency range	47–68 Hz		
AC short circuit fault current over 3 cycles	5.8 Arms		
Maximum units per 20 A (L-L) branch circuit <sup>5</sup>	11 (240 VAC)	11 (208 VAC)	
Overvoltage class AC port	III		
AC port backfeed current	18 mA		
Power factor setting	1.0		
Power factor (adjustable)	0.85 leading ... 0.85 lagging		
<b>EFFICIENCY</b>		<b>@240 VAC</b>	<b>@208 VAC</b>
CEC weighted efficiency	97.0 %	96.5%	
<b>MECHANICAL</b>			
Ambient temperature range	-40°C to +60°C		
Relative humidity range	4% to 100% (condensing)		
Connector type: DC (IQ7A-72-2-US)	MC4		
Dimensions (HxWxD)	212 mm x 175 mm x 30.2 mm (without bracket)		
Weight	1.08 kg (2.38 lbs)		
Cooling	Natural convection – No fans		
Approved for wet locations	Yes		
Pollution degree	PD3		
Enclosure	Class II double-insulated, corrosion resistant polymeric enclosure		
Environmental category / UV exposure rating	NEMA Type 6 / outdoor		
<b>FEATURES</b>			
Communication	Power Line Communication (PLC)		
Monitoring	Enlighten Manager and MyEnlighten monitoring options Compatible with Enphase IQ Envoy		
Disconnecting means	The AC and DC connectors have been evaluated and approved by UL for use as the load-break disconnect required by NEC 690.		
Compliance	CA Rule 21 (UL 1741-SA) UL 62109-1, UL1741/IEEE1547, FCC Part 15 Class B, ICES-0003 Class B, CAN/CSA-C22.2 NO. 107.1-01 This product is UL Listed as PV Rapid Shut Down Equipment and conforms with NEC-2014 and NEC-2017 section 690.12 and C22.1-2015 Rule 64-218 Rapid Shutdown of PV Systems, for AC and DC conductors, when installed according manufacturer's instructions.		

1. No enforced DC/AC ratio. See the compatibility calculator at <https://enphase.com/en-us/support/module-compatibility>.

2. CEC peak power tracking voltage range is 38 V to 43 V.

3. Maximum continuous input DC current is 10.2A.

4. Voltage range can be extended beyond nominal if required by the utility.

5. Limits may vary. Refer to local requirements to define the number of microinverters per branch in your area.

To learn more about Enphase offerings, visit [enphase.com](https://enphase.com)

# Enphase IQ System Component List

## Enphase Microinverters and Monitoring



**IQ7-60-2-US**

Enphase **IQ 7 Micro™**, 250 VA peak power, MC4 DC connectors, female AC connector. Compatible with 60-cell PV modules.



**IQ7PLUS-72-2-US**

Enphase **IQ 7+ Micro™** 295 VA peak power, MC4 DC connectors, female AC connector. Compatible with 60- and 72-cell PV modules.



**IQ7X-96-2-US**

Enphase **IQ 7X Micro™**, 320 VA peak power, MC4 DC connectors, female AC connector. Compatible with 96-cell PV modules.



**X-IQ-AM1-240-3-M**

Enphase **IQ Combiner 3™** with IQ Envoy PCB, 80A, single-phase, revenue-grade production metering. Optional consumption monitoring. Single-stud mounting.



**X-IQ-AMI-240-3C**

Enphase **IQ Combiner 3C™** with IQ Envoy PCB, LTE-M cell modem with 5-year data plan\*\*, 80A, single-phase, revenue-grade production metering. Optional consumption monitoring. Single-stud mounting.



**ENV-IQ-AM1-240**

Enphase **IQ Envoy™**, single-phase, metered. Revenue-grade accuracy (ANSI C12.20 +/- 0.5%) with calibrated solid-core CT. Compatible with IQ Micros only.



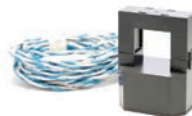
**ENV-IQ-AM3-3P**

Enphase **IQ Commercial Envoy™**, three-phase, metered. Revenue-grade accuracy (ANSI C12.20 +/- 0.5%) with split-core CT. Compatible with IQ Micros only.



**Q-BA-3-1P-60**

Enphase **Q Aggregator**, combines up to three microinverter branches, 60A max, includes one Q-BA-CAP. Compatible with Q Cable.



**CT-200-SPLIT**

Enphase **Consumption CT**, split-core current transformer, accuracy +/- 2.5% for monitoring whole-home energy consumption. Compatible with IQ Envoy and IQ Combiner.



**CELLMODEM-M1**

Enphase **Mobile Connect™** LTE-M cellular modem with 5-year data plans\*\*. For systems with up to 60 Micros.



**CELLMODEM-03**

Enphase **Mobile Connect+™** 4G LTE cellular modem with 12-year data plans\*. For systems with up to 60 Micros.



**EPLC-01**

Enphase **Power Line Carrier** Quantity 2.

### Accessories for IQ Combiner 3

**BRK-10A-2-240:** Circuit breaker, 2 pole, 10A, Eaton BR210

**BRK-15A-2-240:** Circuit breaker, 2 pole, 15A, Eaton BR215

**BRK-20A-2P-240:** Circuit breaker, 2 pole, 20A, Eaton BR220

**XA-PLUG-120-3:** Accessory receptacle for Power Line Carrier (EPLC-01)

**XA-ENV-PCBA-3:** IQ Envoy PCB. For replacement only

\* 4G LTE data plans cover US, Puerto Rico, US Virgin Islands, Canada, and Mexico. See AT&T coverage maps.

\*\* LTE-M data plans cover US, Puerto Rico, Canada, and Mexico. See AT&T coverage maps for US and Puerto Rico.

## Enphase Cables and Accessories



**Q-12-10-240**

Enphase **Q Cable™** for 60- and 72-cell 1.0m portrait module pitch. Connector pitch is 1.3m. 240 male connectors plus two (2) bonus link connectors.



**Q-12-17-240**

Enphase **Q Cable™** for 60-cell 1.7m landscape module pitch. Connector pitch is 2.0m. 240 male connectors plus two (2) bonus link connectors.



**Q-12-20-200**

Enphase **Q Cable™** for 72-cell 2.0m landscape module pitch. Connector pitch is 2.3m. 200 male connectors plus two (2) bonus link connectors.



**Q-12-RAW-300**

RAW Enphase **Q Cable™** is one (1) spool at 300 m / 984 ft. length. 12 AWG, no connectors included.



**Q-TERM-10**

Enphase **Q Cable Terminator Cap** for Q Cable ends. Center feed requires two (2) per branch. Pack of 10.



**Q-SEAL-10**

Enphase **Q Sealing Caps**, female sealing cap for unused Q Cable connectors. Pack of 10.



**Q-BA-CAP-10**

Enphase **Branch Aggregator Cap**, male sealing cap for unused Q Aggregator connections.



**Q-DISC-10**

Enphase **Q Cable Disconnect** tool for Q Cable connectors, MC and Amphenol DC connectors, and AC module mount. Pack of 10.



**EFM-35MM / EFM-40M**

Enphase **Frame Mount** for mounting Enphase Microinverters to 35 mm or 40 mm module frames.



**Q-DCC-2**

Enphase **IQ Replacement Adaptor** for MC4 DC connector.



**Q-DCC-5**

Enphase **IQ Replacement Adaptor** for UTX DC (Amphenol) connector.



**Q-CONN-10M**

Enphase **Male Field-Wireable Connector** to make connections from any Q Aggregator open connector. Requires MC4 crimp tool PV-CZM-18100, -19100, or -22100 for connections to Q Cable or RAW Q Cable.



**Q-CONN-10F**

Enphase **Female Field-Wireable Connector** to make connections from any Q Cable open connector. Requires MC4 crimp tool PV-CZM-18100, -19100, or -22100 for connections to Q Cable or RAW Q Cable.



**Q-CLIP-100**

Enphase **Q Cable Rail Mount Cable Management Clip**. Pack of 100.

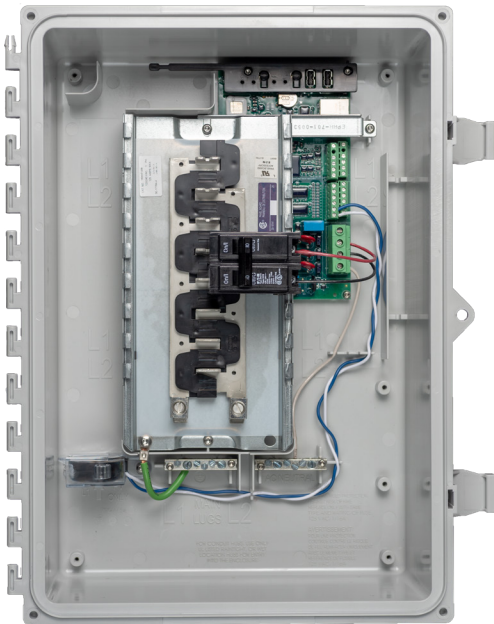
For more information visit [www.enphase.com](http://www.enphase.com) or call (877) 797-4743



# Enphase IQ Combiner 3

(X-IQ-AM1-240-3)

The **Enphase IQ Combiner 3™** with Enphase IQ Envoy™ consolidates interconnection equipment into a single enclosure and streamlines PV and storage installations by providing a consistent, pre-wired solution for residential applications. It offers up to four 2-pole input circuits and Eaton BR series busbar assembly.



## Smart

- Includes IQ Envoy for communication and control
- Flexible networking supports Wi-Fi, Ethernet, or cellular
- Optional AC receptacle available for PLC bridge
- Provides production metering and optional consumption monitoring

## Simple

- Reduced size from previous combiner
- Centered mounting brackets support single stud mounting
- Supports back and side conduit entry
- Up to four 2-pole branch circuits for 240 VAC plug-in breakers (not included)
- 80 A total PV or storage branch circuits

## Reliable

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



# Enphase IQ Combiner 3

## MODEL NUMBER

IQ Combiner 3 X-IQ-AM1-240-3	IQ Combiner 3 with Enphase IQ Envoy™ printed circuit board for integrated revenue grade PV production metering (ANSI C12.20 +/- 0.5%) and optional* consumption monitoring (+/- 2.5%).
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## ACCESSORIES and REPLACEMENT PARTS (not included, order separately)

Enphase Mobile Connect™ CELLMODEM-03 (4G/12-year data plan) CELLMODEM-01 (3G/5-year data plan) CELLMODEM-M1 (4G based LTE-M/5-year data plan)	Plug and play industrial grade cellular modem with data plan for systems up to 60 microinverters. (Available in the US, Canada, Mexico, Puerto Rico, and the US Virgin Islands, where there is adequate cellular service in the installation area.)
Consumption Monitoring* CT CT-200-SPLIT	Split core current transformers enable whole home consumption metering (+/- 2.5%).
* Consumption monitoring is required for Enphase Storage Systems	
Wireless USB adapter COMMS-KIT-01	Installed at the IQ Envoy. For communications with Enphase Encharge™ storage and Enphase Enpower™ smart switch. Includes USB cable for connection to IQ Envoy or Enphase IQ Combiner™ and allows redundant wireless communication with Encharge and Enpower.
Circuit Breakers BRK-10A-2-240 BRK-15A-2-240 BRK-20A-2P-240	Supports Eaton BR210, BR215, BR220, BR230, BR240, BR250, and BR260 circuit breakers. Circuit breaker, 2 pole, 10A, Eaton BR210 Circuit breaker, 2 pole, 15A, Eaton BR215 Circuit breaker, 2 pole, 20A, Eaton BR220
EPLC-01	Power line carrier (communication bridge pair), quantity - one pair
XA-PLUG-120-3	Accessory receptacle for Power Line Carrier in IQ Combiner 3 (required for EPLC-01)
XA-ENV-PCBA-3	Replacement IQ Envoy printed circuit board (PCB) for Combiner 3

## ELECTRICAL SPECIFICATIONS

Rating	Continuous duty
System voltage	120/240 VAC, 60 Hz
Eaton BR series busbar rating	125 A
Max. continuous current rating (output to grid)	65 A
Max. fuse/circuit rating (output)	90 A
Branch circuits (solar and/or storage)	Up to four 2-pole Eaton BR series Distributed Generation (DG) breakers only (not included)
Max. continuous current rating (input from PV)	64 A
Max. total branch circuit breaker rating (input)	80A of distributed generation / 90A with IQ Envoy breaker included
Production Metering CT	200 A solid core pre-installed and wired to IQ Envoy

## MECHANICAL DATA

Dimensions (WxHxD)	49.5 x 37.5 x 16.8 cm (19.5" x 14.75" x 6.63"). Height is 21.06" (53.5 cm with mounting brackets).
Weight	7.5 kg (16.5 lbs)
Ambient temperature range	-40° C to +46° C (-40° to 115° F)
Cooling	Natural convection, plus heat shield
Enclosure environmental rating	Outdoor, NRTL-certified, NEMA type 3R, polycarbonate construction
Wire sizes	<ul style="list-style-type: none"><li>• 20 A to 50 A breaker inputs: 14 to 4 AWG copper conductors</li><li>• 60 A breaker branch input: 4 to 1/0 AWG copper conductors</li><li>• Main lug combined output: 10 to 2/0 AWG copper conductors</li><li>• Neutral and ground: 14 to 1/0 copper conductors</li></ul> Always follow local code requirements for conductor sizing.
Altitude	To 2000 meters (6,560 feet)

## INTERNET CONNECTION OPTIONS

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

## COMPLIANCE

Compliance, Combiner	UL 1741, CAN/CSA C22.2 No. 107.1, 47 CFR, Part 15, Class B, ICES 003 Production metering: ANSI C12.20 accuracy class 0.5 (PV production)
Compliance, IQ Envoy	UL 60601-1/CANCSA 22.2 No. 61010-1

To learn more about Enphase offerings, visit [enphase.com](http://enphase.com)