

# Component list

## Enphase microinverters and monitoring



### IQ8-60-2-US

IQ8 Microinverter, compatible with 60-cells/120-half cells PV modules, 245VA peak power, MC4 DC connectors



### IQ8Plus-72-2-US

Enphase IQ8Plus Microinverter, compatible with 60-cells/120-half cells/72-cells/144-half cells PV modules, 300VA peak power, MC4 DC connectors



### IQ8M-72-2-US

Enphase IQ8M Microinverter, compatible with 60-cells/120-half cells/72-cells/144-half cells PV modules, 330VA peak power, MC4 DC connectors



### IQ8A-72-2-US

Enphase IQ8A Microinverter, compatible with 60-cells/120-half cells/72-cells/144-half cells PV modules, 366VA peak power, MC4 DC connectors



### IQ8H-240-60-2-US

Enphase IQ8H Microinverter for 240V, compatible with 60-cells/120-half cells/72-cells/144-half cells PV modules, 384VA peak power, MC4 DC connectors



### IQ8H-208-72-2-US

Enphase IQ8H Microinverter for 208V, compatible with 60-cells/120-half cells/72-cells/144-half cells PV modules, 366VA peak power, MC4 DC connectors



### IQ7-60-2-US

Enphase IQ7 Microinverter, compatible with 60-cells/120-half cells PV modules, 250VA peak power, MC4 DC connectors



### IQ7Plus-72-2-US

Enphase IQ7Plus Microinverter, compatible with 60-cells/120-half cells/72-cells/144-half cells PV modules, 295VA peak power, MC4 DC connectors



### IQ7X-96-2-US

Enphase IQ7X Microinverter, compatible with 96 cells PV modules, 320VA peak power, MC4 DC connectors



### IQ7A-72-2-US

Enphase IQ7A Microinverter, compatible with 60-cells/120-half cells/72-cells/144-half cells PV modules, 366VA peak power, MC4 DC connectors



### X-IQ-AM1-240-3-ES

AC IQ Combiner Box with IQ Gateway PCBA, 80A, 240V split-phase with silver solar shield and includes 2x CT-200-SPLIT



### X-IQ-AM1-240-3C-ES

AC IQ Combiner Box with IQ Gateway PCBA, 80A, 240V split-phase, with integrated CELLMODEM-M1, silver solar shield and includes 2x CT-200-SPLIT

**ENV-IQ-AM1-240**

Enphase IQ Gateway, single-phase, metered. Revenue grade accuracy (ANSI C12.20 +/- 0.5%) with calibrated solid-core CT

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

IQ Commercial Gateway with (3) solid-core CTs. Compatible with IQ Microinverters in 3-phase configurations: 208V or 220V 3-wire, and 240V 4-wire

**CT-200-SPLIT**

Split-core current transformer (CT), accuracy +/- 2.5%. For use with IQ Gateway and IQ Combiner

**CELLMODEM-M1 M**

Enphase Mobile Connect. LTE CAT M1 cellular modem with 5-year data plan for US, Puerto Rico, US Virgin Islands, Canada, and Mexico. For systems up to 60 Microinverters

**EPLC-01**

Enphase Power Line Carrier (Quantity 2)

**X-IQ-AM1-240-4**

AC IQ Combiner Box with IQ Gateway PCBA, 80A, 240V split-phase with silver solar shield and includes 2x CT-200-SPLIT, supports Hold Down Kits for IQ8 Microinverters.

**X-IQ-AM1-240-4C**

AC IQ Combiner Box with IQ Gateway PCBA, 80A, 240V split-phase, with CELLMODEM-M1-06-SP-05, silver solar shield and includes 2x CT-200-SPLIT, supports Hold Down Kits for IQ8 Microinverters.

**CELLMODEM-M1-06-SP-05**

Enphase Mobile Connect. LTE CAT M1 cellular modem with 5-year T-Mobile data plan for US, Puerto Rico, US Virgin Islands, Canada. For systems up to 60 Microinverters

**CELLMODEM-M1-06-AT-05**

Enphase Mobile Connect. LTE CAT M1 cellular modem with 5-year AT&T data plan for US, Puerto Rico, US Virgin Islands, Canada. For systems up to 60 Microinverters

## Accessories for IQ Combiner 3-ES and IQ Combiner 4

**BRK-10A-2-240**

Circuit breaker, 2 pole, 10A, Eaton BR210

**XA-PLUG-120-3**

Accessory receptacle for Power Line Carrier (EPLC-01)

**BRK-15A-2-240**

Circuit breaker, 2 pole, 15A, Eaton BR215

**BRK-10A-2-240V**

Circuit breaker, 2 pole, 10A, Eaton BR210

**BRK-20A-2P-240**

Circuit breaker, 2 pole, 20A, Eaton BR220

**BRK-20A-2P-240V**

Circuit breaker, 2 pole, 20A, Eaton BR220

**BRK-15A-2P-240V-B**

Circuit breaker, 2 pole, 15A, Eaton BR215B with hold down kit support

**XA-SOLARSHIELD-ES**

Replacement solar shield for IQ Combiner 4C/4

**XA-PLUG-120-3**

Accessory receptacle for Power Line Carrier in IQ Combiner 4C/4 (required for EPLC-01)

**Ensemble Communications Kit (COMMS-CELLMODEM-M1-06)**

Includes COMMS-KIT-01 and CELLMODEM-M1-06-SP-05 with 5-year data plan for Enphase Energy System sites

**BRK-15A-2-240V**

Circuit breaker, 2 pole, 15A, Eaton BR215

**BRK-20A-2P-240V-B**

Circuit breaker, 2 pole, 20A, Eaton BR220B with hold down kit support

**XA-ENV-PCBA-3**

Replacement IQ Gateway printed circuit board (PCB) for IQ Combiner 4C/4

**EPLC-01**

Power line carrier (communication bridge pair), quantity - one pair

**X-IQ-NA-HD-125A**

Hold down kit for Eaton circuit breaker with screws

**XA-ENV-PCBA-3**

IQ Gateway PCB. For replacement only

## Enphase cables and accessories

**Q-12-10-240**

IQ Cable for 60/72 cell 1.0m portrait module pitch. Connector pitch is 1.3m. 240 Male connectors plus 2 bonus link connectors

**Q-12-17-240**

IQ Cable for 60 cell 1.7m landscape module pitch. Connector pitch is 2.0m. 240 Male connectors plus 2 bonus link connectors

**Q-12-20-200**

IQ Cable for 72 cell 2.0m landscape module pitch. Connector pitch is 2.3m. 200 Male connectors plus 2 bonus link connectors

**Q-12-RAW-300**

IQ Cable, 12 AWG, no connectors, 300m length (300m = 984ft)

**Q-TERM-10**

Terminator Cap for IQ Cable ends. Center feed requires 2 per branch. Pack of 10

**Q-SEAL-10**

Female Sealing Cap for unused IQ Cable connectors. Pack of 10

**Q-BA-CAP-10**

Male sealing cap for Branch Aggregator and Microinverter AC bulkhead. Pack of 10

**Q-DISC-10**

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

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

Enphase IQ Microinverter Frame Mount Bracket compatible with PV module frame thickness of 35mm / 40mm

**Q-DCC-2**

IQ Microinverter replacement adaptor for MultiContact MC4 DC Connector

**Q-DCC-5**

IQ Microinverter replacement adaptor for Amphenol UTX DC Connector

**Q-CONN-10M**

Male Field-wireable connector for IQ Cable. Pack of 10 connector bodies with 25 Male MC4 Tool crimpable pins

**Q-CONN-10F**

Female Field-wireable connector for IQ Cable. Pack of 10 connector bodies with 25 Female MC4 Tool crimpable pins

**Q-CLIP-100**

IQ Cable rail mount cable management clip. Pack of 100

## Enphase storage and storage accessories

**Encharge-3-1P-NA**

Enphase IQ Battery-3 Kit with one 1.28 kVA, 3.36 kWh, single-phase battery unit (with 4 integrated IQ8X-BAT Microinverters and backup feature) and cover kit

**Encharge-10-1P-NA**

Enphase IQ Battery-10 Kit with three 1.28 kVA, 3.36 kWh, single-phase battery units (with 12 integrated IQ8X-BAT Microinverters and backup feature) and cover kit

**ENCHARGE-3T-1P-NA**

Enphase IQ Battery 3T Base Kit with one 1.28 kVA, 3.36 kWh, single-phase battery unit (with 4 integrated IQ8X-BAT Microinverters and backup feature) and cover kit

**ENCHARGE-10T-1P-NA**

Enphase IQ Battery-10T Base Kit with three 1.28 kVA, 3.36 kWh, single-phase battery units (with 12 integrated IQ8X-BAT Microinverters and backup feature) and cover kit

**EP200G101-M240US00**

Enphase IQ System Controller 1 with 200A capacity, neutral-forming transformer providing Microgrid Interconnect Device (MID) functionality

**EP200G101-M240US01**

Enphase IQ System Controller 2 with 200A capacity, neutral-forming transformer providing Microgrid Interconnect Device (MID) functionality

**COMMS-KIT-01**

USB adapter kit for IQ Gateway / IQ Combiner boxes. Enables wireless communication with IQ Battery and IQ System Controller

**Encharge-HNDL-R1**

One set of IQ Battery base unit installation handles (Pair of 1 front and 1 side handle)

**COMMS-CELLMODEM-M1**

USB adapter kit for IQ Gateway / IQ Combiner boxes along with CELLMODEM-M1 (LTE CAT M1 cellular modem, which includes a 5-year data plan for Ensemble systems with up to 60 Microinverters, 12 IQ Battery 3 and 1 IQ System Controller)

**EP200G-HNDL-R1**

The IQ System Controller handle kit (including both left and right handles) is used for easier and proper mounting of IQ System Controller on the wall. The handles can be reused on different installations sites by the installation crew

**B03-CX-0350-O**

Enphase IQ Battery 3 cover only

**B10-CX-1050-O**

Enphase IQ Battery 10 cover only

**B10T-CX-1290-O**

Enphase IQ Battery 10T cover only

**B03-C-0350-O**

Enphase IQ Battery 3 cover kit with cover, mounting bracket, and screws

**B03T-C-0430-O**

Enphase IQ Battery 3T cover kit with cover, mounting bracket, and screws

**B03T-CX-0430-O**

Enphase IQ Battery 3T cover only

**B10-C-1050-O**

Enphase IQ Battery 10 cover kit with cover, mounting bracket, screws, two raceway joiners, set of wires for daisy chaining the three battery units

**B10T-C-1290-O**

Enphase IQ Battery 10T cover kit with cover, mounting bracket, set of wires for daisy chaining the three battery units

**B10T-AWM-1280-O**

IQ Battery 10T Additional top and bottom Wall mounts for UL9540A compliant product

**B10T-MWM-1280-O**

IQ Battery 10T Middle Wall Mount for UL9540A compliant product

## Breakers for IQ System Controller

**BRK-200A-2P-240V**

Main Breaker, 2 pole, 200A, 25kAIC, CSR2200N for IQ System Controller

**BRK-175A-2P-240V**

Main Breaker, 2 pole, 175A, 25kAIC, CSR2175N for IQ System Controller

**BRK-150A-2P-240V**

Main Breaker, 2 pole, 150A, 25kAIC, CSR2150N for IQ System Controller

**BRK-125A-2P-240V**

Main Breaker, 2 pole, 125A, 25kAIC, CSR2125N for IQ System Controller

**BRK-100A-2P-240V**

Main Breaker, 2 pole, 100A, 25kAIC, CSR2100 for IQ System Controller

**BRK-80A-2P-240V**

Circuit Breaker, 2 pole, 80A, 10kAIC, BR280 for IQ System Controller

**BRK-60A-2P-240V**

Circuit Breaker, 2 pole, 60A, 10kAIC, BR260 for IQ System Controller

**BRK-40A-2P-240V**

Circuit Breaker, 2 pole, 40A, 10kAIC, BR240B for IQ System Controller

**BRK-30A-2P-240V**

Circuit Breaker, 2 pole, 30A, 10kAIC, BR230B for IQ System Controller

**BRK-20A-2P-240V-B**

Circuit Breaker, 2 pole, 20A, 10kAIC, BR220B for IQ System Controller

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

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