



# IQ Battery 5P with FlexPhase

IQ Battery 5P with FlexPhase is an all-in-one AC-coupled system, that is powerful, reliable, simple, and safe. The battery can be flexibly used in both 1-phase and 3-phase applications. It has a total usable energy capacity of 5.0 kWh and includes six embedded IQ8T-BAT Microinverters providing up to 3.84 kVA continuous power in 1-phase configuration and 1.28 kVA continuous power per phase in 3-phase configuration.

#### Components of the Enphase Energy System



### IQ System Controller 3 INT

The system controller is an integrated enclosure containing all components necessary for backup operation in case of grid outage.



#### IQ Combiner 2 EU 3P

The IQ Combiner 2 EU 3P is a pre-wired plugand-play solution with IQ Gateway Metered, IQ Relays, Communications Kit 2, circuit breakers, and RCD.







#### IQ Microinverters

IQ Series Microinverters pack more power into less space than other rooftop solar systems and make rooftop solar more productive, reliable, smart, and safe.



#### IQ Battery 5P with FlexPhase accessories

The lifting handles are reusable and ease the installation process. The pedestal enables floor mounting of the battery.

#### Powerful

- Provides up to 3.84 kVA continuous power in 1-phase configuration and 1.28 kVA continuous power per phase in 3-phase configuration
- Includes six embedded IQ8T-BAT Microinverters

#### Reliable

- · 15-year limited warranty
- Cools passively with no moving parts or fans
- Uses wired communication for fast and consistent connection
- · Updates software and firmware remotely

#### Simple

- Fully integrated AC-coupled battery system
- · Installs and commissions easily
- Supports Self-Consumption and Full Backup modes. Supports Al-based optimization to handle dynamic tariffs
- Offers homeowners remote monitoring and control from the Enphase App
- Field replaceable components

#### Safe

- Meets UL 9540A, the highest industry standard for battery safety
- Uses lithium iron phosphate (LFP) chemistry for maximum safety and longevity

### IQ Battery 5P with FlexPhase

Order code	_	IQBATTERY-5P-3P-INT	
Description	_	The IQ Battery 5P with FlexPhase is an AC-coupled battery (convertible between 1-phase and 3-phas with integrated IQ8T-BAT Microinverters and a battery management system (BMS) with battery contro	
ОИТРИТ	UNITS	1-PHASE	3-PHASE
Rated (continuous) output apparent power	kVA	3.84 or 3.68 <sup>2</sup>	3.84 (1.28 per phase)
Rated output current	Α	16.70 or 16 <sup>3</sup>	16.7 (5.56 per phase)
Peak output current (3 seconds) <sup>4</sup>	Α	32	32 (10.67 per phase)
Peak output current (10 seconds) <sup>4</sup>	Α	24	24 (8 per phase)
Nominal voltage	VAC	230 V <sub>L-N</sub>	230 V <sub>L-N</sub> , 400 V <sub>L-L</sub>
Nominal voltage range	VAC	213-253	213-253 (per phase)
Nominal frequency	Hz		50
Nominal frequency range	Hz	47.5-51.5	
Power factor, grid-tied (adjustable)	_	0.8 leading 0.8 lagging	
Power factor, backup	_	1.0 leading 1.0 lagging	
AC round-trip efficiency⁵	%	90	
Operating modes	_	Self-Consumption, Full Backup <sup>6</sup>	
BATTERY MODULE	UNITS		
Usable capacity	kWh	5.0	
DC round-trip efficiency <sup>7</sup>	%	96	
Nominal DC voltage	V	76.8	
Ambient operating temperature (charging) <sup>8</sup>	°C	-20 to 50	
Ambient operating temperature (discharging)9	°C	-20 to 55	
Chemistry	_	Lithium iron phosphate (LFP)	
MECHANICAL DATA	UNITS		
Dimensions (H × W × D)	mm	980 × 550 × 188	
Lifting weight	kg	69.5	
Total installed weight	kg	82.95	
IQ Battery enclosure	_	Outdoor-IP55	
IQ8T-BAT Microinverter enclosure	_	Outdoor-IP67	
Cooling	_	Natural convection	
Relative humidity (non-condensing)	%	5-95	
Altitude	m	<2500	
Mounting	_	Wall-mount (included) or pedestal-mount (sold separately)	
COMMUNICATION INTERFACES			
Communication	_	Wired control communication	
Monitoring	_	Enphase Installer Platform and Enphase App monitoring options; API integration	
STANDARDS			
Grid compliance	_	EN 62040.1, VDE AR-N 4105:2018, TOR Erzeuger Typ A V1.2 2022, ÖVE Richtlinie R25:2020-03	
ЕМІ	-	CE, EFT, ESD, Surge, Voltage dips and interruptions, CRF	
Battery cell module	_	IEC 62619:2017, UN 38.3, UL1973	
Inverter	_	EN 62109-1, EN 62109-2, EN 62909-1:2017, EN 50549-1:2019	
EC Declaration of Conformity <sup>10</sup>	_	Directive 2014/30/EU on electromagnetic compatibility (EMC), Directive 2014/35/EU (Low Voltage Directive, LVD), Directive 2011/65/EU on restrictions of the use of certain dangerous substances in electrical and electronic equipment (RoHS), Directive EU2014/53/EU on the making available on the ma of radio equipment (Radio Equipment Directive, RED), Battery Directive 2006/66/EC	

<sup>&</sup>lt;sup>1</sup> Factory default configuration is set to 1-phase. To switch to a 3-phase configuration, refer to the instructions provided in the QIG. <sup>2</sup> The continuous apparent power output for 1-phase configuration is 3.68 kVA for Austria and Switzerland.

<sup>&</sup>lt;sup>3</sup> The rated output current for 1-phase configuration is 16 A for Austria and Switzerland.

<sup>&</sup>lt;sup>4</sup> During backup operation.

 $<sup>^{\</sup>rm 5}$  AC to battery to AC at 1.92 kVA power rating, at 25°C and at the beginning of life.

 $<sup>^{\</sup>rm 6}$  For the Backup mode, the IQ System Controller 3 INT is required.

<sup>&</sup>lt;sup>7</sup>At the beginning of life.

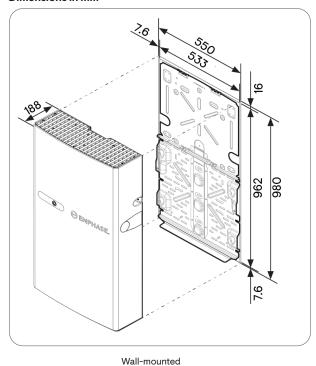
Reduction in charging power will occur at temperatures below 15°C and above 45°C.
 Reduction in discharge power will occur at temperatures below 5°C and above 50°C.

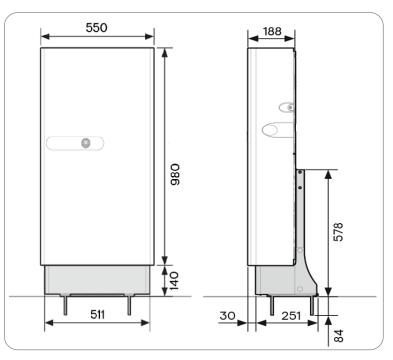
<sup>&</sup>lt;sup>10</sup> Full text of the EU Declaration of Conformity (DoC) is available at https://www.enphase.com.

United warranty WARTS IN IE 80X 1080EX CODE: 18ATTERY-SP-3P-INTI  Balatery SP with Fleschase Base battery unit of IQ Battery SP with ski integrated IQBF-BAT Microinverters ID cover and conduct cover CD Battery SP with fleschase Bottom mounting bracket and top protective shield Bottom mounting bracket and top protective shield Bottom mounting bracket from counting the battery unit on the wall and one top protective shield MS locking screws Two MS locking screws for securing the battery unit on the bottom mounting bracket MS locking screws Two MS locking screws for securing the battery unit on the bottom mounting bracket MS locking screws Two MS ID cover grounding screws for the EMIZEM better of the CRITICAL COMMISS of the Battery SP with Fleschase which of the bottom mounting bracket MS locking screws Two MS ID cover grounding screws for the EMIZEM better of the CRITICAL COMMISS of the Battery SP with Fleschase installation in unit out to the count of CRITICAL COMMISS of the Battery SP with Fleschase installation instructions Control (CRITICA commetor with resistor or CRITICAL witing CUICAL Install guide (CI)(6) Control (CRITICA commetor with resistor or CRITICAL witing CUICAL Install guide (CI)(6) Control (CRITICA commetor with resistor or CRITICAL witing CUICAL Install guide (CI)(6) Control (CRITICA commetor with resistor or CRITICAL witing CUICAL Install guide (CI)(6) Control (CRITICAL commetor with resistor or CRITICAL witing CUICAL Install guide (CI)(6) Control (CRITICAL commetor with resistor or CRITICAL witing CUICAL Install guide (CI)(6) CONDESSOR CONDE	LIMITED WARRANTY				
Collectory SP with FlexPhase   Base battery unit of IQ Battery SP with aix integrated IQST-BAT Microinverters	Limited warranty	>60% capacity, up to 15 years or 6000 cycles"			
Bottom mounting bracket and top protective shield Bottom mounting bracket and top protective shield M5 locking screws M5 locking screws Two M5 locking screws for securing the battery unit on the wall and one top protective shield M6 grounding screws M6 grounding screws Two M6 grounding screws for securing the battery unit on the bottom mounting bracket M6 grounding screws Two M6 grounding screws for securing the battery unit on the bottom mounting bracket M6 grounding screws Two M6 grounding screws for the EMI/EMC requirement Cable itse  Control (CTRL) connector with resistor Control (CTRL) connector with resistor Control (CTRL) connector with resistor Control (CTRL) deal occurred to the resistor for CTRL wiring Colick install guide (QIG) Control (CTRL) drain connector of CTRL wiring Colick install guide (QIG) Control (CTRL) drain connector of CTRL wiring Colick install guide (QIG) Control (CTRL) drain connector of CTRL wiring Colick install guide (QIG) Control (CTRL) drain connector of CTRL wiring Colick install guide (QIG) Control (CTRL) drain connector of CTRL wiring Colick install guide (QIG) Control (CTRL) drain connector of CTRL wiring Colick install guide (QIG) Control (CTRL) drain connector of CTRL wiring Colick install guide (QIG) Control (CTRL) drain connector of CTRL wiring Colick install guide (QIG) Control (CTRL) drain connector of CTRL wiring Colick install guide (QIG) Control (CTRL) drain connector of CTRL wiring Colick install guide (QIG) Control (CTRL) drain connector of CTRL wiring Colick install guide (QIG) Control (CTRL) drain connector of CTRL wiring Colick install guide (QIG) Control (CTRL) drain connector of CTRL wiring Colick install guide (QIG) Control (CTRL) drain connector of CTRL wiring Colick install guide (QIG) Control (CTRL) drain connector of CTRL wiring Colick install guide (QIG) Control (CTRL) drain connector of CTRL wiring Colick install guide (QIG) College (QIG) Col	WHAT'S IN THE BOX (ORDER CODE: IQBATTERY-5P-3P-INT)				
Bottom mounting bracket and top protective shield MS looking screws Two MS looking screws for securing the battery unit on the wall and one top protective shield MS looking screws Two MS locking screws for securing the battery unit on the bottom mounting bracket MS grounding screws Two MS locking screws for securing the battery unit on the bottom mounting bracket MS grounding screws Two MS locking screws for securing the top protective shield on the bottom mounting bracket MS locking screws for securing the top protective shield on the bottom mounting bracket MS locking screws for securing the top protective shield on the bottom mounting bracket Two MS locking screws for securing the top protective shield on the bottom mounting bracket MS locking screws for securing the top protective shield on the bottom mounting bracket Two MS locking screws for securing the battery unit on the bottom mounting bracket MS grounding screws Two MS locking screws for securing the battery unit on the bottom mounting bracket Two MS locking screws for securing the battery screw for the EMI/EMI for the Imit for CTRL witing One pre-installed and one spare CTRL connector with resistor for CTRL witing One pre-installed and one spare CTRL connector without resistor for CTRL witing One pre-installed and one spare CTRL connector without resistor for CTRL witing One pre-installed and one spare CTRL connector without resistor for CTRL witing One pre-installed and one spare CTRL connector without resistor for CTRL witing One pre-installed and one spare CTRL connector without resistor for CTRL witing One pre-installed and one spare CTRL connector without resistor for CTRL witing One pre-installed and one spare CTRL connector without resistor for CTRL witing One pre-installed and one spare CTRL connector without resistor for CTRL witing One pre-installed and one spare CTRL connector without resistor for CTRL witing One pre-installed and one spare CTR	IQ Battery 5P with FlexPhase	Base battery unit of IQ Battery 5P with six integrated IQ8T-BAT Microinverters			
MS locking screws Two MS locking screws for securing the battery unit on the bottom mounting bracket M4 grounding screws Two M4 grounding screws for securing the top protective shield on the bottom mounting bracket M5 ID over grounding screws Two M5 ID over grounding screws for the EM/EMC requirement Cable ties Cable ties Cable ties Cantrol (CIRL) connector One pre-installed and one spare CIRL connector without resistor for CIRL wiring Control (CIRL) connector with resistor One pre-installed and one spare CIRL connector without resistor for CIRL wiring Control (CIRL) description of the CIRL description of the CIRL description of the CIRL description of	ID cover and conduit cover	IQ Battery ID cover along with four conduit covers, two each for the left and right sides of the unit			
My grounding screws Two My grounding screws for securing the top protective shield on the bottom mounting bracket MS ID cover grounding screws Two MS ID cover grounding screws for the EMI/EMIC requirement Cable ties Six cable ties for securing field cables to the unit Control (CTRL) connector One pre-installed and one spare CTRL connector without resistor for CTRL wiring Control (CTRL) drain connector Control (CTRL) drain connecto	Bottom mounting bracket and top protective shield	Bottom mounting bracket for mounting the battery unit on the wall and one top protective shield			
MS ID cover grounding screws for the EMI/EMC requirement Cable ites Six cable ites for securing field cables to the unit Control (CIRL) connector One pre-installed and one spare CIRL connector without resistor for CIRL wiring Control (CIRL) connector with resistor Control (CIRL) connector with resistor Control (CIRL) deain connector for CIRL wiring Control (CIRL) deain connector control (CIRL) deather connector control (CIRL) deathe	M5 locking screws	Two M5 locking screws for securing the battery unit on the bottom mounting bracket			
Cable tiles Six cable tiles for securing field cables to the unit Control (CTRL) connector One pre-installed and one spare CTRL connector without resistor for CTRL wiring Control (CTRL) connector with resistor One pre-installed and one spare CTRL connector without resistor for CTRL wiring Cuick install guide (CIIG) Control (CTRL) drain connector  CTRL wiring  Control (CTRL) drain connector  CTRL wiring  Control (CTRL) drain connector  CTRL wiring  Control (CTRL) drain connector of CTRL wiring  Control (CTRL) drain connector of CTRL wiring  Control (CTRL) drain connector  CTRL wiring  Control (CTRL) drain connector of CTRL wiring  Contr	M4 grounding screws	Two M4 grounding screws for securing the top protective shield on the bottom mounting bracket			
Control (CTRL) connector with resistor for CTRL wiring Control (CTRL) connector with resistor for CTRL wiring Cuck install guide (OIG) Control (CTRL) drain connector CONTROL (CTRL) drain	M5 ID cover grounding screws	Two M5 ID cover grounding screws for the EMI/EMC requirement			
Control (CTRL) connector with resistor for CTRL wiring         One pre-installed and one spare CTRL connector with resistor for CTRL wiring           Quick install guide (QIG)         Q Battery SP with FlexPhase Installation instructions           Control (CTRL) drain connector         One pre-installed and one spare CTRL drain connector for CTRL wiring           Drill template for marking drilling locations on the mounting surface           ACCESSORIES AND REPLACEMENT PARTS           LIGALTERY-SP-3P-IN-TRMA         Enphase (Q Battery SP battery storage indoor/Outdoor (NIT) for replacement           B305-CX-0550-Q         1Q Battery SP conduit plates only (includes one ID cover)           B305-CX-0590-Q         1Q Battery SP conduit plates only (includes four conduit covers, two each for left and right sides of the unit)           B05-WB-0543-Q         1Q Battery SP wall bracket only (includes one IB cover)           B05-WB-0543-Q         1Q Battery SP wall bracket only (includes one left-side and one right-side lifting handles)           B05-CR-0580-Q         1Q Battery SP wall bracket only (includes one left-side and one right-side lifting handles)           B305-BMSIA-0490-Q         1Q Battery SP wall bracket only (includes one left-side and one right-side lifting handles)           B305-CABIB-042-Q         1Q Battery SP wall flexy SP wall proper (INT)           B305-CABIB-043-Q         1Q Battery SP wall flexy SP wall proper (INT)           B305-TB-077-Q         1Q	Cable ties	Six cable ties for securing field cables to the unit			
OLICIE Install guide (OIG)         IQ Battery SP with Flex/Phase Installation instructions           Control (CTRL) drain connector         One pre-installed and one spare CTRL drain connector for CTRL wiring           Drill template         One drill template for marking drilling locations on the mounting surface           ACCESSIONES AND REPLACEMENT PARTS           ICIDATTERY-SP-3P-INT-RMA         Enphase IQ Battery SP battery storage: Indoor/Outdoor (NT) for replacement           3036-CX-0550-0         IQ Battery SP conduit plates only (includes four conduit covers, two each for left and right sides of the unit)           3036-CX-0560-0         IQ Battery SP conduit plates only (includes four conduit covers, two each for left and right sides of the unit)           805-WR-0543-0         IQ Battery SP will bracket only (includes one wall bracket and one top shield)           805-WR-0543-0         IQ Battery SP will bracket only (includes one left-side and one right-side lifting handle)           805-ACFB-080-0         IQ Battery SP AC Filter board only (includes AC filter board PCBAs)           805-BMSIA-0490-0         IQ Battery SP binds pandles (includes one left-side and one right-side lifting handles)           805-CANBI-042-0         IQ Battery SP binds pandles (includes one left-side and one right-side lifting handles)           805-CANBI-042-0         IQ Battery SP binds pandles (includes one left-side and one right-side lifting handles)           805-CANBI-042-0         IQ Battery SP binds pandles	Control (CTRL) connector	One pre-installed and one spare CTRL connector without resistor for CTRL wiring			
Control (CTRL) drain connector         One pre-installed and one spare CTRL drain connector for CTRL wiring           Drill template         One drill template for marking drilling locations on the mounting surface           ACCESSORIES AND REPLACEMENT PARTS           ICBANTERY-SP-SP-INIT-RMA         Enphase IQ Battery SP battery storage: indoor/Outdoor (INT) for replacement           B305-CX-0550-O         IC Battery SP cover only (includes one ID cover)           8305-CP-096-O         IQ Battery SP wall bracket only (includes one wall bracket and one top shield)           805-WB-0543-O         IQ Battery SP wall bracket only (includes one wall bracket and one top shield)           805-WB-0543-O         IQ Battery SP wall bracket only (includes one laft-side and one right-side lifting handle)           805-WB-0543-O         IQ Battery SP lifting handles (includes one laft-side and one right-side lifting handle)           805-WB-0540-O         IQ Battery SP lifting handles (includes one laft-side and one right-side lifting handle)           8305-BISS-040-O         IQ Battery SP Will bracket only (includes one laft-side and one right-side lifting handle)           8305-CANBI-042-O         IQ Battery SP MS board only (includes one laft-side and one right-side lifting handle)           8305-BISS-042-O         IQ Battery SP Will place only (includes one laft-side and one right-side lifting handle)	Control (CTRL) connector with resistor	One pre-installed and one spare CTRL connector with resistor for CTRL wiring			
Drill template         One drill template for marking drilling locations on the mounting surface           ACCESSORIES AND REPLACEMENT PARTS           ICBATTERY-5P-3P-INT-RMA         Enphase IQ Battery 5P battery storage: Indoor/Outdoor (INT) for replacement           B303-CX-0550-0         ICQ Battery 5P conduit plates only (includes one IQ cover)           B303-CP-096-0         IQ Battery 5P conduit plates only (includes four conduit covers, two each for left and right sides of the unit)           B05-WB-0543-0         IQ Battery 5P wall bracket only (includes one wall bracket and one top shield)           B05-PM-0550-0         IQ Battery 5P wall bracket only (includes one wall bracket and one right-side lifting handle)           B05-PM-0550-0         IQ Battery 5P AC Filter board only (includes one left-side and one right-side lifting handle)           B05-PM-0550-0         IQ Battery 5P AC Filting handles (includes one left-side and one right-side lifting handle)           B05-PM-0550-0         IQ Battery 5P AC Filting handles (includes one left-side and one right-side lifting handle)           B05-PM-0550-0         IQ Battery 5P AC Filting handles (includes one left-side and one right-side lifting handle)           B05-BATSH-0490-0         IQ Battery 5P AC Filting handles (includes one left-side and one right-side lifting handle)           B05-BASH-0490-0         IQ Battery 5P Dent Filting handles (includes one left-side and one right-side lifting handles (includes one left-side and one right-side lifting handles (includes one lifting handles (includes one lifting handles	Quick install guide (QIG)	IQ Battery 5P with FlexPhase Installation instructions			
ACCESSORIES AND REPLACEMENT PARTS  IGBATTERY-SP-JP-INT-RMA  Enphase IQ Battery SP battery storage: Indoor/Outdoor (INT) for replacement B305-CX-0550-O  IQ Battery SP cover only (includes one ID cover) B305-CP-096-O  IQ Battery SP conduit plates only (includes four conduit covers, two each for left and right sides of the unit) B05-WB-0543-O  IQ Battery SP wall bracket only (includes one wall bracket and one top shield) B05-WB-0550-O  IQ Battery SP wall bracket only (includes one wall bracket and one right-side lifting handle) B305-ACFB-080-O  IQ Battery SP AC Filter board only (includes and eight-side lifting handle) B305-BMSIA-0490-O  IQ Battery SP BMS board only (includes and Entre board PCBAs) B305-BMSIA-0490-O  IQ Battery SP BMS board only (includes one BMS board PCBA of INT) B305-ICS-0524-O  IQ Battery SP in-house control switch only, includes one house control switch preinstalled on the IQ Battery SP witing cover (INT) B305-TBN-077-O  IQ Battery SP Control communications board only (includes one control communications PCBA) B305-TBN-077-O  IQ Battery SP Neutral terminal block B305-TBN-078-0  IQ Battery SP Ground terminal block B305-TBN-078-0  IQ Battery SP Ground terminal block B305-TBN-078-0  IQ Battery SP Replacement on IQ Battery SP Jumper  COMPATIBILITY  IQ Combiner 2 EU 3P  X-I Q-EURO-230-3P-4-2  IQ Battery SP  IQ Battery SP  IQ Battery SP  IQ Battery SP-INT  IQ Gateway Metered  ENV-S-EM-230  IQ Relay (single-phase and three-phase)  IQ Relay (single-phase and three-phase)  IQ Gateway Metered  IQ Relay (single-phase and three-phase)	Control (CTRL) drain connector	One pre-installed and one spare CTRL drain connector for CTRL wiring			
IOBATTERY-SP-NPI-NT-RMA         Enphase IQ Battery SP battery storage: Indoor/Outdoor (INT) for replacement           B305-CX-0550-O         IQ Battery SP cover only (includes one ID cover)           B305-CY-0560-O         IQ Battery SP conduit plates only (includes four conduit covers, two each for left and right sides of the unit)           B05-WB-0543-O         IQ Battery SP wall bracket only (includes one wall bracket and one top shield)           B05-PM-0550-O         IQ Battery SP Mall bracket only (includes one left-side and one right-side lifting handle)           B305-ACFB-080-O         IQ Battery SP AC Filter board only (includes one left-side and one right-side lifting handle)           B305-BMSIA-0490-O         IQ Battery SP BMS board only (includes one BMS board PCBA of INT)           B305-BMSIA-0490-O         IQ Battery SP in-house control switch only. Includes one BMS board PCBA of INT)           B305-CANBI-042-Q         IQ Battery SP control communications board only (includes one control switch preinstalled on the IQ Battery SP with Flexphase           B305-TBL-077-Q         IQ Battery SP Replacement in IQ Battery SP with Flexphase           B305-TBL-077-Q         IQ Battery SP Replacement in IQ Battery SP (includes one control communications PCBA)           B305-TBL-078-0         IQ Battery SP Replacement in IQ Battery SP (includes one control communications PCBA)           B305-TBL-077-Q         IQ Battery SP Replacement in IQ Battery SP (includes one control communications PCBA)           B305-TBL-078-0         IQ	Drill template	One drill template for marking drilling locations on the mounting surface			
B305-CX-0550-O  IQ Battery 5P conduit plates only (includes one ID cover)  B305-CP-096-O  IQ Battery 5P conduit plates only (includes four conduit covers, two each for left and right sides of the unit)  B05-WB-0543-O  IQ Battery 5P wall bracket only (includes one wall bracket and one top shield)  B05-PW-0550-O  IQ Battery 5P wall bracket only (includes one left-side and one right-side lifting handle)  B305-PW-0550-O  IQ Battery 5P lifting handles (includes one left-side and one right-side lifting handle)  B305-ACFB-080-O  IQ Battery 5P BMS loard only (includes AC filter board PCBAs)  B305-BMSIA-0490-O  IQ Battery 5P BMS board only (includes one BMS board PCBA of INIT)  B305-ICS-0524-O  IQ Battery 5P in-house control switch only. Includes one inhouse control switch preinstalled on the IQ Battery 5P wiring cover (INIT)  B305-CANBI-042-O  IQ Battery 5P control communications board only (includes one control switch preinstalled on the IQ Battery 5P wiring cover (INIT)  B305-TBN-077-O  IQ Battery 5P Line terminal block  B305-TBN-077-O  IQ Battery 5P Line terminal block  B305-TBS-077-O  IQ Battery 5P Ground terminal block  B305-TBS-085-O  IQ Battery 5P Ground terminal block  B305-TBS-085-O  IQ Battery 5P Jumper  COMPATIBILITY  IQ Combiner 2 EU 3P  X-I Q-EURO-230-3P-4-2  IQ Battery 5P  IQ Battery	ACCESSORIES AND REPLACEMENT PARTS				
BOS-CP-096-O BOS-WB-OS43-O BOS-WB-OS43-O BOS-WB-OS54-O BOS-PM-OS50-O BOSTERY-HNDL-5 BOS-PM-OS50-O BOSTERY-HNDL-5 BOS-ACFB-080-O BOSTERY-HNDL-5 BOS-ACFB-080-O BOSTERY-HNDL-5 BOS-BMSIA-O490-O BOSTERY-HNDL-5 BOS-BMSIA-O490-O BOSTERY-HNDL-5 BOS-BMSIA-O490-O BOSTERY-HNDL-5 BOS-BMSIA-O490-O BOSTERY-HNDL-5 BOS-BMSIA-O490-O BOSTERY-HNDL-5 BOST-BALTERY-BP-BMS-Doard only (includes one left-side and one right-side lifting handle) BOS-BMSIA-O490-O BOSTERY-BP-BMS-Doard only (includes one BMS-Doard PCBAs) BOS-BMSIA-O490-O BOSTERY-BP-BMS-DOARD by Wiring cover (INT) BOS-CANBI-042-O BOSTERY-BP-BMS-DOARD by Wiring cover (INT) BOS-CANBI-042-O BOSTERY-BP-BMS-DOARD by Wiring cover (INT) BOS-BALT-RMA BOST-BALT-RMA BOST-BALT-RMA BOST-BALT-BRIL-077-O BOSTERY-BP-BALT Microinverter for IQ Battery 5P with Flexphase BOS-TBN-077-O BOSTERY-BP-BR-DOARD block BOST-BB-O77-O BOSTERY-BP-BR-DOARD block BOST-BB-O77-O BOSTERY-BP-BR-DOARD block BOST-BB-O85-O BOSTERY-BP-BR-DOARD block BOSTERY-BP-BR-DOARD bl	IQBATTERY-5P-3P-INT-RMA	Enphase IQ Battery 5P battery storage: Indoor/Outdoor (INT) for replacement			
B05-WB-0543-Q B05-WB-0550-Q B05-PM-0550-Q B05-PM-050-Q B05-PM-05	B305-CX-0550-O	IQ Battery 5P cover only (includes one ID cover)			
B05-PM-0550-O IQ Battery 5P pedestal mount  IQBATTERY-HNDL-5 One set of IQ Battery 5P lifting handles (Includes one left-side and one right-side lifting handle)  B305-ACFB-080-O IQ Battery 5P AC Filter board only (includes AC filter board PCBAs)  B305-BMSIA-0490-O IQ Battery 5P BMS board only (includes one BMS board PCBA of INT)  B305-IICS-0524-O IQ Battery 5P in-house control switch only. Includes one inhouse control switch preinstalled on the IQ Battery 5P in-house control switch only. Includes one control communications PCBA)  B305-CANBI-042-O IQ Battery 5P control communications board only (includes one control communications PCBA)  IQBT-BAT-RMA Enphase IQBT-BAT Microinverter for IQ Battery 5P with Flexphase  B305-TBL-077-O IQ Battery 5P Ine terminal block  B305-TBL-077-O IQ Battery 5P Ground terminal block  B305-TBG-077-O IQ Battery 5P Ground terminal block  B305-TBG-077-O IQ Battery 5P Ground terminal block  COMPATIBILITY  IQ Combiner 2 EU 3P X-IQ-EURO-23O-3P-4-2  IQ Battery 5P IQBATTERY-5P-IP-INT  IQ Gateway Metered ENV-5-EM-230  IQ Relay (single-phase and three-phase) Q-RELAY-IP-INT and Q-RELAY-3P-INT  Communications Kit 2 INT (for grid-tied operation)	B305-CP-096-O	IQ Battery 5P conduit plates only (includes four conduit covers, two each for left and right sides of the unit)			
IDBATTERY-HNDL-5 One set of IQ Battery 5P lifting handles (Includes one left-side and one right-side lifting handle) B305-ACFB-080-0 IQ Battery 5P AC Filter board only (includes AC filter board PCBAs) B305-BMSIA-0490-O IQ Battery 5P BMS board only (includes one BMS board PCBA of INT) B305-IICS-0524-O IQ Battery 5P in-house control switch only, includes one inhouse control switch preinstalled on the IQ Battery 5P wiring cover (INT) B305-CANBI-042-O IQ Battery 5P control communications board only (includes one control switch preinstalled on the IQ Battery 5P wiring cover (INT) B305-TBL-077-O IQ Battery 5P Line terminal block B305-TBN-077-O IQ Battery 5P Line terminal block B305-TBN-077-O IQ Battery 5P Routral terminal block B305-TBS-085-O IQ Battery 5P Ground terminal block B305-TBJ-085-O IQ Battery 5P Jumper  COMPATIBILITY IQ Combiner 2 EU 3P X-I Q-EURO-230-3P-4-2 IQ Battery 5P IQBATTERY-5P-IP-INT IQ Gateway Metered ENV-S-EM-230 IQ Relay (single-phase and three-phase) Q-RELAY-IP-INT and Q-RELAY-3P-INT Communications Kit 2 INT (for grid-tied operation)	B05-WB-0543-O	IQ Battery 5P wall bracket only (includes one wall bracket and one top shield)			
B305-ACFB-080-O IQ Battery 5P AC Filter board only (includes AC filter board PCBAs) B305-BMSIA-0490-O IQ Battery 5P BMS board only (includes one BMS board PCBA of INT) B305-IICS-0524-O IQ Battery 5P in-house control switch only, includes one inhouse control switch preinstalled on the IQ Battery 5P wiring cover (INT) B305-CANBI-042-O IQ Battery 5P control communications board only (includes one control communications PCBA) IQBT-BAT-RMA Enphase IQBT-BAT Microinverter for IQ Battery 5P with Flexphase B305-TBL-077-O IQ Battery 5P Line terminal block B305-TBN-077-O IQ Battery 5P Neutral terminal block B305-TBG-077-O IQ Battery 5P Ground terminal block B305-TBJ-085-O IQ Battery 5P fuse B305-TBJ-085-O IQ Battery 5P Jumper  COMPATIBILITY IQ Combiner 2 EU 3P X-I Q-EURO-230-3P-4-2 IQ Battery 5P IQ Battery 5P IQ BATTERY-5P-IP-INT IQ Gateway Metered ENV-S-EM-230 IQ Relay (single-phase and three-phase) COmmunications Kit 2 INT (for grid-tied operation)  IQ Communications Kit 2 INT (for grid-tied operation)	B05-PM-0550-O	IQ Battery 5P pedestal mount			
B305-BMSIA-0490-O  IQ Battery 5P BMS board only (includes one BMS board PCBA of INT)  B305-IICS-0524-O  IQ Battery 5P in-house control switch only. Includes one inhouse control switch preinstalled on the IQ Battery 5P wiring cover (INT)  B305-CANBI-042-O  IQ Battery 5P control communications board only (includes one control switch preinstalled on the IQ Battery 5P wiring cover (INT)  B305-CANBI-042-O  IQ Battery 5P control communications board only (includes one control switch preinstalled on the IQ Battery 5P wiring cover (INT)  B305-TBL-077-O  IQ Battery 5P Line terminal block  B305-TBL-077-O  IQ Battery 5P Neutral terminal block  B305-TBG-077-O  IQ Battery 5P Ground terminal block  B305-TBJ-085-O  IQ Battery 5P fuse  B305-TBJ-085-O  IQ Battery 5P Jumper  COMPATIBILITY  IQ Combiner 2 EU 3P  X-I Q-EURO-230-3P-4-2  IQ Battery 5P  IQ B	IQBATTERY-HNDL-5	One set of IQ Battery 5P lifting handles (Includes one left-side and one right-side lifting handle)			
B305-IICS-0524-O  IQ Battery 5P in-house control switch only. Includes one inhouse control switch preinstalled on the IQ Battery 5P wiring cover (INT)  B305-CANBI-042-O  IQ Battery 5P control communications board only (includes one control communications PCBA)  IQBT-BAT-RMA  Enphase IQBT-BAT Microinverter for IQ Battery 5P with Flexphase  B305-TBL-077-O  IQ Battery 5P Line terminal block  B305-TBN-077-O  IQ Battery 5P Neutral terminal block  B305-TB9-077-O  IQ Battery 5P Ground terminal block  B305-TBJ-085-O  IQ Battery 5P fuse  B305-TBJ-085-O  IQ Battery 5P Jumper  COMPATIBILITY  IQ Combiner 2 EU 3P  X-I Q-EURO-230-3P-4-2  IQ Battery 5P  IQ Gateway Metered  ENV-S-EM-230  IQ Relay (single-phase and three-phase)  COmmunications Kit 2 INT (for grid-tied operation)	B305-ACFB-080-O	IQ Battery 5P AC Filter board only (includes AC filter board PCBAs)			
B305-GANBI-042-O  IQ Battery 5P control communications board only (includes one control communications PCBA)  IQ8T-BAT-RMA  Enphase IQ8T-BAT Microinverter for IQ Battery 5P with Flexphase  B305-TBL-077-O  IQ Battery 5P Line terminal block  B305-TBN-077-O  IQ Battery 5P Neutral terminal block  B305-TBS-077-O  IQ Battery 5P Ground terminal block  B305-TBS-077-O  IQ Battery 5P Ground terminal block  B305-TBJ-085-O  IQ Battery 5P fuse  B305-TBJ-085-O  IQ Battery 5P Jumper  COMPATIBILITY  IQ Combiner 2 EU 3P  X-I Q-EURO-230-3P-4-2  IQ Battery 5P  IQ Gateway Metered  ENV-S-EM-230  IQ Relay (single-phase and three-phase)  Q-RELAY-IP-INT and Q-RELAY-3P-INT  Communications Kit 2 INT (for grid-tied operation)	B305-BMSIA-0490-O	IQ Battery 5P BMS board only (includes one BMS board PCBA of INT)			
IQ8T-BAT-RMA  Enphase IQ8T-BAT Microinverter for IQ Battery 5P with Flexphase  B305-TBL-077-O  IQ Battery 5P Neutral terminal block  B305-TBN-077-O  IQ Battery 5P Neutral terminal block  B305-TBG-077-O  IQ Battery 5P Ground terminal block  B305-TBG-077-O  IQ Battery 5P Ground terminal block  B305-TBJ-085-O  IQ Battery 5P Jumper  COMPATIBILITY  IQ Combiner 2 EU 3P  X-I Q-EURO-230-3P-4-2  IQ Battery 5P  IQBATTERY-5P-IP-INT  IQ Gateway Metered  ENV-S-EM-230  IQ Relay (single-phase and three-phase)  Q-RELAY-IP-INT and Q-RELAY-3P-INT  COmmunications Kit 2 INT (for grid-tied operation)	B305-IICS-0524-O				
B305-TBL-077-O  IQ Battery 5P Line terminal block B305-TBN-077-O  IQ Battery 5P Neutral terminal block B305-TBG-077-O  IQ Battery 5P Ground terminal block B305-FBG-077-O  IQ Battery 5P Ground terminal block B305-FBS-085-O  IQ Battery 5P Jumper  COMPATIBILITY  IQ Combiner 2 EU 3P  X-I Q-EURO-230-3P-4-2 IQ Battery 5P IQBATTERY-5P-IP-INT IQ Gateway Metered IQ Gateway Metered IQ Relay (single-phase and three-phase) COMMS-KIT-INT-02  COMMS-KIT-INT-02	B305-CANBI-042-O	IQ Battery 5P control communications board only (includes one control communications PCBA)			
B305-TBN-077-O  IQ Battery 5P Neutral terminal block B305-TBG-077-O  IQ Battery 5P Ground terminal block B305-FUSE-085-O  IQ Battery 5P fuse B305-TBJ-085-O  IQ Battery 5P Jumper  COMPATIBILITY  IQ Combiner 2 EU 3P  X-I Q-EURO-230-3P-4-2 IQ Battery 5P IQBATTERY-5P-IP-INT IQ Gateway Metered  ENV-S-EM-230 IQ Relay (single-phase and three-phase)  Q-RELAY-IP-INT and Q-RELAY-3P-INT Communications Kit 2 INT (for grid-tied operation)	IQ8T-BAT-RMA	Enphase IQ8T-BAT Microinverter for IQ Battery 5P with Flexphase			
B305-TBG-077-O  IQ Battery 5P Ground terminal block B305-FUSE-085-O  IQ Battery 5P fuse B305-TBJ-085-O  IQ Battery 5P Jumper  COMPATIBILITY  IQ Combiner 2 EU 3P  X-I Q-EURO-230-3P-4-2  IQ Battery 5P  IQBATTERY-5P-IP-INT  IQ Gateway Metered  ENV-S-EM-230  IQ Relay (single-phase and three-phase)  Q-RELAY-IP-INT and Q-RELAY-3P-INT  Communications Kit 2 INT (for grid-tied operation)  COMMS-KIT-INT-02	B305-TBL-077-O	IQ Battery 5P Line terminal block			
B305-FUSE-085-O  B305-TBJ-085-O  IQ Battery 5P Jumper  COMPATIBILITY  IQ Combiner 2 EU 3P  X-I Q-EURO-230-3P-4-2  IQ Battery 5P  IQBATTERY-5P-IP-INT  IQ Gateway Metered  ENV-S-EM-230  IQ Relay (single-phase and three-phase)  Q-RELAY-IP-INT and Q-RELAY-3P-INT  Communications Kit 2 INT (for grid-tied operation)	B305-TBN-077-O	IQ Battery 5P Neutral terminal block			
B305-TBJ-085-O  IQ Battery 5P Jumper  COMPATIBILITY  IQ Combiner 2 EU 3P  X-I Q-EURO-230-3P-4-2  IQ Battery 5P  IQBATTERY-5P-IP-INT  IQ Gateway Metered  ENV-S-EM-230  IQ Relay (single-phase and three-phase)  Q-RELAY-IP-INT and Q-RELAY-3P-INT  Communications Kit 2 INT (for grid-tied operation)	B305-TBG-077-O	IQ Battery 5P Ground terminal block			
IQ Combiner 2 EU 3P  IQ Battery 5P  IQ Gateway Metered  IQ Relay (single-phase and three-phase)  Communications Kit 2 INT (for grid-tied operation)  X-I Q-EURO-230-3P-4-2  IQBATTERY-5P-IP-INT  IQBATTERY-5P-IP-INT  COMMS-KIT-INT-02	B305-FUSE-085-O	IQ Battery 5P fuse			
IQ Combiner 2 EU 3P  X-I Q-EURO-230-3P-4-2  IQ Battery 5P  IQBATTERY-5P-1P-INT  IQ Gateway Metered  ENV-S-EM-230  IQ Relay (single-phase and three-phase)  Q-RELAY-1P-INT and Q-RELAY-3P-INT  Communications Kit 2 INT (for grid-tied operation)  COMMS-KIT-INT-02	B305-TBJ-085-O	IQ Battery 5P Jumper			
IQ Battery 5P IQBATTERY-5P-1P-INT IQ Gateway Metered ENV-S-EM-230 IQ Relay (single-phase and three-phase) Q-RELAY-1P-INT and Q-RELAY-3P-INT Communications Kit 2 INT (for grid-tied operation) COMMS-KIT-INT-02	COMPATIBILITY				
IQ Gateway Metered  ENV-S-EM-230  IQ Relay (single-phase and three-phase)  Q-RELAY-IP-INT and Q-RELAY-3P-INT  Communications Kit 2 INT (for grid-tied operation)  COMMS-KIT-INT-02	IQ Combiner 2 EU 3P	X-I Q-EURO-230-3P-4-2			
IQ Relay (single-phase and three-phase)  Q-RELAY-1P-INT and Q-RELAY-3P-INT  Communications Kit 2 INT (for grid-tied operation)  COMMS-KIT-INT-02	IQ Battery 5P	IQBATTERY-5P-IP-INT			
Communications Kit 2 INT (for grid-tied operation)  COMMS-KIT-INT-02	IQ Gateway Metered	ENV-S-EM-230			
	IQ Relay (single-phase and three-phase)	Q-RELAY-1P-INT and Q-RELAY-3P-INT			
100 to 0 t	Communications Kit 2 INT (for grid-tied operation)	COMMS-KIT-INT-02			
IQ System Controller 3 INT (for backup operation) SC100G-M230ROW	IQ System Controller 3 INT (for backup operation)	SC100G-M230ROW			
Solar inverters IQ7, IQ8 Series Microinverters, third-party PV string inverters	Solar inverters	IQ7, IQ8 Series Microinverters, third-party PV string inverters			

 $<sup>^{11} \</sup> Whichever occurs first. \ Restrictions apply. \ The full text of the warranty is available at \underline{http://enphase.com/installers/resources/warranty.}$ 

#### Dimensions in mm





Floor-mounted with pedestal

#### Note for third-party products:

Any third-party manufacturer or importer of product(s) used to install or commission Enphase product(s) shall comply with the applicable EU Directive(s) and requirements in the European Economic Area (EEA). It is the responsibility of the installer to confirm that all such products are labelled correctly and have the required compliant supporting documentation.

Manufacturer: Enphase Energy Inc., 47281 Bayside Pkwy., Fremont, CA, 94538, United States of America, PH: +1 (707) 763-4784 Importer: Enphase Energy NL B.V., Het Zuiderkruis 65, 5215MV, 's-Hertogenbosch, The Netherlands, PH: +3173 3035859 Assembled in China.

## Revision history

REVISION	DATE	DESCRIPTION
DSH-00477-1.0	June 2024	Preliminary release.