

Key specifications	IQ-BALC-1P-WF	IQ-BALC-1P-CF
Maximum output power to grid	800 W	
Maximum output power to auxiliary socket	2760 W	
Nominal grid voltage	230 V	
Nominal frequency	50 Hz	
Rated current	12 A	
Auxiliary socket type	Type F	
Wi-Fi / BLE	802.11b/g/n / BLE 4.2 (2.4 GHz)	
Operating temperature range	-20°C to 50°C	
Cellular	–	CAT4

Model number	Description
IQ-BALC-WF-KIT	IQ Balcony Solar Wi-Fi Kit with IQ Balcony Gateway Wi-Fi
IQ-BALC-CF-KIT	IQ Balcony Solar Cellular Kit with IQ Balcony Gateway Cellular

What's in the IQ Balcony Solar Kit[2]	Quantity	Description
IQ8HC Microinverter	2	Smart grid-ready microinverters for the latest generation, high-efficiency PV modules
IQ Balcony Gateway	1	Lightweight device that connects IQ Microinverters to the AC wall socket and to the internet
IQ Cable	1	Simplified cabling for connecting two IQ Microinverters to IQ Balcony Gateway
AC Power Cable	1	Schuko cable to connect IQ Balcony Gateway to Schuko AC wall socket
IQ Sealing cap	2	Cap to seal the open end of the IQ Cable
IQ Disconnect tool	1	Custom-designed tool to easily unplug your components and wiring

IQ Balcony Gateway specifications			
Electrical specifications	**Units**	**IQ-BALC-1P-WF**	**IQ-BALC-1P-CF**
Nominal grid voltage	V	230 V	
Min./Max. input voltage	V	195.5/253	
Rated current	A	12	
Nominal frequency	Hz	50	
Min./Max. frequency	Hz	47/52	
Auxiliary socket type	–	Type F	
Auxiliary output rating	–	230 V, 12 A, single-phase	
Auxiliary breaker rating	A	12	
Overvoltage category	–	III	
Maximum output power to grid	W	800	
Maximum output power to auxiliary socket	W	2760	

Interfaces	IQ-BALC-1P-WF	IQ-BALC-1P-CF
Wi-Fi/BLE	802.11b/g/n / BLE 4.2 (2.4 GHz)	
Cellular	–	CAT4
PLC	110–120 kHz (Class B)	
LED	2 (Main LED, Aux LED)	
Configured using	Enphase App	

Mechanical data	Units	IQ-BALC-1P-WF	IQ-BALC-1P-CF
Dimensions (L× W × D)	mm	273 × 116 × 93	
Weight	kg	1.14	1.19
IP rating	–	IP65 (Hatch closed and no Type F (Schuko) plug in the auxiliary socket); IP55 (Hatch closed with a right-angled Type F (Schuko) plug in the auxiliary socket)	
Mounting	–	Wall mount	

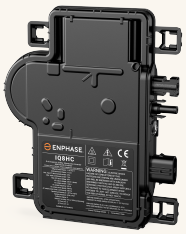
[2] For individual component data sheets, refer to https://enphase.com/de-de/installers/resources/documentation.

Mechanical data	Units	IQ-BALC-1P-WF	IQ-BALC-1P-CF
Pollution degree	–	2	

Environmental specifications	IQ-BALC-1P-WF	IQ-BALC-1P-CF
Operating temperature range	-20°C to 50°C	
Altitude	Up to 3000 m	
Relative humidity	0-100% non-condensing	
Installation location	Indoor or outdoor	

Compliance	IQ-BALC-1P-WF	IQ-BALC-1P-CF
Grid interconnect	VDE-AR-N-4105:2018-11	
Safety	EN 62368-1:2020	
RED	EN 62311, EN 300 328, EN 301 489-1, EN 301 489-17, EN 301 489-52, EN 301 908	
EMC / EMI	EN 50065-1, EN 61000-6-2, EN 61000-6-3, EN 61000-3-2, EN 61000-3-3, EN 50065-2-2, IEC 55011, IEC 55032	
Product labelling	CE, WEEE	
RoHS	EN IEC 63000:2018	

Components of the IQ Balcony Solar Kit



IQ8HC Microinverters

High-powered, 384 W microinverter to efficiently convert DC into AC. Connect PV modules to microinverters quickly and easily with MC4 connectors.



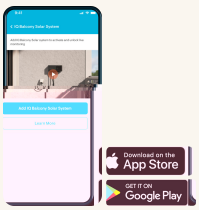
IQ Cables

Install microinverters quickly and safely with IQ Cables using plug-and-play connectors. Feed solar into the home with the Type F (Schuko) cable.



IQ Balcony Gateway

A smart and compact device that connects to the cloud to provide complete control and insights into the IQ Balcony Solar System.



Enphase App

Activate IQ Balcony Solar System with a few taps. Monitor your system status in real time from anywhere and see how much energy each panel is producing.

Revision history

Revision	Date	Description
DSH-00489-5.0	May 2025	Updated the region tag.
DSH-00489-4.0	May 2025	Initial release.
DSH-00489-3.0	April 2025	Updated the compliance specifications.
DSH-00489-2.0	February 2025	Updated the specifications.
DSH-00489-1.0	June 2024	Preliminary release.