



IQ EV Charger 2

The IQ EV Charger 2 seamlessly combines innovative hardware and intelligent software. Customized for different countries in Europe, this Bluetooth and Wi-Fi-enabled charger empowers customers with efficient energy management. It integrates flawlessly with Enphase Energy System, allowing users to monitor charging status and performance with a single app.

Maximize savings with AI-powered home energy management that optimizes for savings with all tariffs and efficient solar charging that allows up to 100% of the excess power to be configured for EV charging.

The IQ EV Charger 2 comes with a built-in MID meter for accurate usage tracking and a rugged Type 2 connector suitable for all EVs in Europe. Access to the charger can be controlled via the Enphase App.



Integrated and reliable

- Allows all Enphase devices on the site to be remotely monitored via a single app
- Switches between 7.4/11/22 kW on the Enphase App
- IP55-rated enclosure ensures durability and allows for safe indoor and outdoor installation
- Provides comprehensive home energy and EV charging support backed by Enphase training and customer service
- Backed by industry-leading 5-year warranty

Ease of installation and maintenance

- Streamlines your service experience with Enphase Installer App for monitoring and troubleshooting all installed chargers
- No additional mounting brackets or rewiring kits are required
- Less than 3 minutes for the app pairing process
- 7.5 m cable allows flexible installation and ease of use
- Intelligently designed service panel minimizes downtime during maintenance



IQ EV Charger 2

Model name	IQ EV Charger 2 - Socketed 3Ph		IQ EV Charger 2 - Hardwired 3Ph	
SKU	IQ-EVSE-EU-3032-0005-1300		IQ-EVSE-EU-3032-0105-1300	
ELECTRICAL SPECIFICATIONS				
Voltage rating	400 V~ (3 × 230 V~) 3P + N + PE	230 V~ 1P + N + PE	400 V~ (3 × 230 V~) 3P + N + PE	230 V~ 1P + N + PE
Voltage frequency	50/60 Hz			
Maximum power rating	22 kW (3P)	7.4 kW (1P)	22 kW (3P)	7.4 kW (1P)
Rated current	32 A			
Service cable cross-section	11-17.9 mm ²			
Input type	Type 2 shuttered socket		7.5 m Type 2 connector cable	
MECHANICAL SPECIFICATIONS				
Enclosure dimensions (L × W × D)	410 mm × 250 mm × 128 mm		370 mm × 250 mm × 118 mm	
Weight	6 kg		11 kg (including the charging cable)	
Enclosure rating	IP55/IK10			
Service wire routing	Bottom and rear entry			
ENVIRONMENTAL SPECIFICATIONS				
Humidity rating	5% to 95%			
Altitude	Up to 2,500 m			
Operating temperature	-40°C to 50°C			
Storage temperature	-40°C to 80°C			
COMMUNICATION OPTIONS				
Wireless network	2.4/5 GHz Wi-Fi (802.11 ax)			
Bluetooth	BT/BLE 5.3			
Wired communication	Ethernet, RS-485, CAN			
ISO15118	Yes (Hardware Ready)			
SAFETY AND COMPLIANCE				
Certification *	CE (LVD EU/2014/35, EMC Directive EU/2014/30, RED EU/2014/53, RoHS3.0, REACH, IEC/EN 61851-1, IEC/EN 61851-21-2, IEC/EN 62196-1, IEC/EN 62955, IEC 61439-7, IEC/EN 60364-4-41), MID (EN 50470-1, EN 50470-3), EV Ready 2.0			
Safety features	Surge protection (253 V), RDC-DD (±6 mA), relay weld detection, overcurrent detection (+25%)			
In-built sensors	Ambient light sensor, temperature sensor, humidity sensor, and tilt sensor			
Metering accuracy	±1% (Class-B)			
MID certification	Yes			
FEATURES				
LED indicator	Animated line LED with RGB colors to indicate the state of the IQ EV Charger 2			
MID meter display	Displays kWh consumption of the EV charger			
Smart scheduling	Take advantage of the dynamic tariff rates from your utility			
Self-consumption	Charge EV on clean energy from the sun by using excess solar power with an Enphase Energy System			
Automatic phase-switching	Automatically switches between three-phase and single-phase to optimize charging from excess PV			
Access control	Available via Enphase App; enabled via software settings			
Integration support	OCPP 2.0.1 and APIs			
WARRANTY				
Limited warranty duration	5 years			

* Certification in progress

Revision history

REVISION	DATE	DESCRIPTION
DSH-00464-2.0	June 2024	Updated the product name to IQ EV Charger 2.
DSH-00464-1.0	June 2024	Initial release.