

TECHNICAL SPECIFICATION

Portable Type 2 EV Charger - Mode 2

Portable AC charging with an in-cable control and protection device, display and local scheduling.

EU RETAIL PRODUCT | DISPLAY-EQUIPPED CONFIGURATION



At a glance

MAXIMUM CHARGING POWER Up to 3.6 kW	RATED CURRENT Up to 16 A
RATED VOLTAGE 250 V AC	PHASE Single-phase
CABLE LENGTHS 5 m / 7.5 m / 10 m	VEHICLE INTERFACE Type 2

Supply connection

The wall connection for this retail configuration is a 16 A single-phase European industrial plug. Confirm that the available outlet, earthing and circuit rating are suitable before use.

This public document summarizes the current verified product configuration and its consumer-relevant evidence scope.

Technical specification

The retail range uses the 16 A display-equipped configuration within the EV-ZC-ICCPD16A family. Public identification remains at family level; no E1/E3 suffix is assigned in this document.

SPECIFICATION	CURRENT PRODUCT FACT
Family model	EV-ZC-ICCPD16A
Electrical rating	250 V AC, single-phase, up to 16 A
Maximum charging output	Up to 3.6 kW. Actual charging power depends on the vehicle and available electrical supply.
Connections	16 A single-phase European industrial plug to Type 2 vehicle connector
Control unit	In-cable control and protection device with display, indicator light and touch-button operation
Scheduling	Local delayed-start scheduling is supported on the approved display version
Start behavior	Charging starts automatically after a valid connection and system checks. This is not an ISO 15118 claim.
Monitoring	Ground, leakage, over-current, over-voltage, under-voltage, over-temperature, communication, lightning, diode and relay monitoring
Leakage protection	A + DC 6 mA, as stated for the control system
Cable	TPU sheath; 10.8 +/- 0.5 mm family outside diameter; minimum bend radius 8 x cable diameter
Operating conditions	-30°C to +50°C; 5% to 95% RH, non-condensing
Storage temperature	-40°C to +85°C

Retail configurations

LENGTH	SKU	APPROX. PRODUCT WEIGHT
5 m	EU-M2-16A-3.5KW-SCREEN-5M	1.95 kg
7.5 m	EU-M2-16A-3.5KW-SCREEN-7P5M	2.37 kg
10 m	EU-M2-16A-3.5KW-SCREEN-10M	2.79 kg

Protection and operating scope

AREA OR STATE	RATING / CONDITION	SCOPE
Vehicle coupler housing	IP67	Connector-component rating only
Vehicle coupler with cap	IP54	State-specific connector rating
Vehicle coupler mated	IP54	State-specific connector rating

Important scope note

The IP ratings above apply to the stated vehicle-coupler states. They do not make the complete charger assembly IP67.

Package, evidence and safe use

Package and included items

SPECIFICATION	CURRENT PRODUCT FACT
Confirmed default contents	Portable charger assembly with IC-CPD, cable, 16 A single-phase European industrial plug and Type 2 vehicle connector
Not confirmed as standard	Storage bag, wall mount, printed manual and certificate pack
Factory master carton	400 x 400 x 300 mm; 8 units per carton; carton tare approximately 1.1 kg
Retail packaging status	Individual retail package dimensions and packaged gross weight are not yet published

Certification and document scope

Verified family-scope evidence	CE AN 50689151 0001, UKCA AQ 50689154 0001 and TUV-Mark R 50630874 0001 have been independently matched to the EV-ZC-ICCPD16A family under EN 62752 scope. This is family-level evidence and does not prove a particular E1/E3 suffix. CB CN24MB3G 001 appears in the factory specification, but a matching original and independent register confirmation are not currently available, so it is not presented as verified public evidence.
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Use and compatibility

- Verify the wall outlet type, current rating, protective earthing and circuit suitability before connecting.
- Keep the control box and cable free from crushing, kinking, excessive bending and standing water.
- Disconnect before cleaning. Use a dry cloth; do not immerse the product or use corrosive cleaners.
- Stop use immediately if the cable, plug, connector or enclosure is damaged.
- Actual charging power is limited by the vehicle, electrical supply and operating conditions.

Document basis

Prepared from the current IC-CPD Charging Plug factory specification dated 30 July 2025, current factory replies, current retail configuration records and verified certificate-register scope.

Scope boundary	This public specification is a product summary, not an installation approval. Electrical installation, outlet suitability and local-code compliance must be assessed for the intended site.
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