



PROGRAM DATASHEET · NO-UPGRADE FAST CHARGER · EVQC

EVQC030

30 kW Stationary DC EV Quick Charger

"Fast charging without the utility upgrade."



DESCRIPTION

The EVQC030 is an all-in-one DC quick charger that enables up to 30 kW continuous charging output, with highly flexible, field-configurable Vac input power that accepts the most common distribution voltages, reducing overall infrastructure and construction costs.

Industry-standard connectivity supports fast charging, remote services, and software updates on every unit.

Field configuration: patent pending.

FEATURES & BENEFITS

- Highly flexible power input with no de-rating
- Field-replaceable power modules
- Greater than 1 million hours MTBF on PSU topology
- IP54/NEMA 3S enclosure
- Multiple payment/authorization methods: RFID and credit card
- Remote upgrades via over-the-air updates

APPLICATIONS

- Small, mid, and large fleets & depots
- EV infrastructure and service providers
- Public & commercial buildings
- Municipalities
- Retail & hospitality
- Residential & multi-unit dwellings
- OEM test facilities

SPECIFICATIONS

Quoted verbatim from Pii DATA101 (last updated May 5, 2025)

Input voltage	240 Vac Single Phase · 208 or 240 Vac 3-Phase (3P + PE) Delta · 480/277 Vac 3-Phase (3P + N + PE) Wye
Input operating range and current	240 Vac Single Phase: 216 to 252 V, 150 A max, 60 Hz 208/240 Vac 3-Phase Delta: 190 to 252 V, 100 A max, 60 Hz 480 Vac 3-Phase Wye: 432 to 504 V, 45 A max, 60 Hz
Output power	30 kW maximum
Output voltage	250 to 920 Vdc
Efficiency	95%
Charging connector	CCS1 and NACS · 5 m cable standard
Charging/data protocols	DIN 70121 and OCPP 1.6J compliant
Network / RFID / display	Cellular 4G LTE, Wi-Fi · ISO/IEC 14443 A/B, ISO 15393, NFC Reader Mode · 7" color LCD
Temperature	Operational -30 °C to +50 °C · Storage -40 °C to +80 °C
Humidity / altitude	Up to 95% non-condensing · 2000 m (6560 ft)
Enclosure / impact	NEMA 3S; IP54 · IK10
Weight	140 kg (charger only)
Dimensions	38.3 x 19.3 x 18.1 in; 57.6 in top of unit on pedestal
Mounting	Wall-mounted or pedestal (both sold separately)
Certifications	cETLus listed to UL 2202, UL 2231-1 & -2, and CSA C22.2 No. 281.1, 281.2 and 346

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