

LITEON GROUP

EVQC030-M to EVQC060-M

30 - 60 kW Mobile “Shop” DC EV Quick Charger

Description

The EVQC030-M to EVQC060-M is a mobile all-in-one family of DC quick chargers capable of up to 60 kW continuous charging output. This product offers highly flexible, field-configurable Vac input power, which enables accepting the most common distribution voltages. It is directly pluggable into suitable wall outlets.

All of Power Innovations International’s EV chargers have industry-standard connectivity and fast-charging processes and useability.

Features and Benefits

- Highly flexible power input with no de-rating
- Field scalable power, from 30 up to 60 kW
- Greater than 1 million hours MTBF on PSU topology
- IP20/NEMA 1 Enclosure
- Field replaceable power modules
- Multiple initiation/authorization methods

Applications

- Residential and multi-unit dwellings
- Small, mid, and large fleets & depots
- Body shops and repair shops
- Retail and hospitality
- OEM test facilities
- Public and commercial buildings
- Municipalities



Specifications

Input Voltage	240 Vac Single Phase 208 or 240 Vac 3-Phase Delta 480 Vac 3-Phase Wye
Input Current	250 A maximum (240 Vac Single Phase) 175 A maximum (208 or 240 Vac 3-Phase Delta) 100 A maximum (480 Vac 3-Phase Wye)
Output Power	60 kW maximum
Output Voltage	250 to 900 Vdc (400 & 800 Vdc nominal)
Efficiency	95%
Charging Connector	CCS1
Charging Cable Length	5m standard
Charging/Data Protocols	DIN 70121, ISO 15118-2, and OCPP 1.6J or 2.0.1 enabled
RFID	ISO/IEC 14443 A/B, ISO 15393, NFC Reader Mode
Display	7" color LCD
Operational Temperature	-35 °C to +50 °C
Storage Temperature	-40 °C to +80 °C
Relative Humidity	Up to 90% non-condensing
Altitude	3000 m (9845 ft)
Enclosure Rating	NEMA 1; IP20
Impact Resistance	IK10
Weight	Up to 110 kg (Charger only)
Certifications	UL2202 (Pending)

Product Dimensions [mm], in

