

LITEON GROUP

EVQC030-E to EVQC050-E 30 - 50 kW Outdoor Mobile DC Quick Charger

Description

The EVQC030-E to EVQC060-E is a mobile all-in-one family of DC quick chargers capable of up to 50 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 and is rated for outdoor use.

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 50 kW
- Greater than 1 million hours MTBF on PSU topology
- IP54/NEMA 3R enclosure
- Field replaceable power modules
- Multiple initiation/authorization methods

Applications

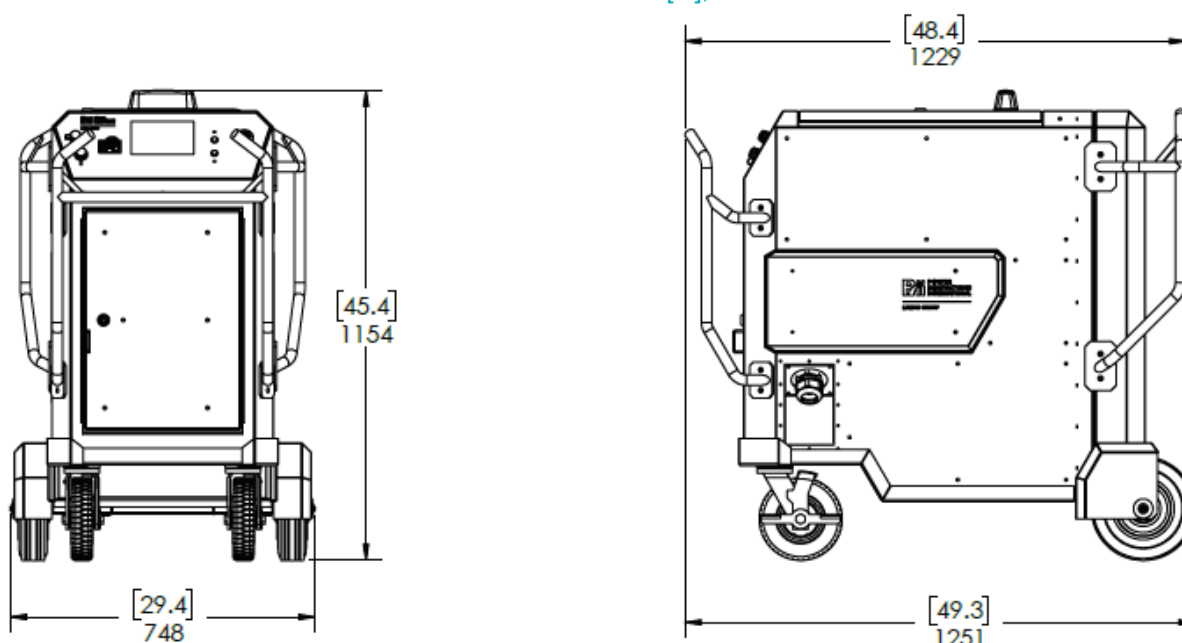
- Residential and multi-unit dwellings
- Small, mid, and large fleets & depots
- Body shops and repair shops
- Retail and hospitality
- OEM test facilities
- Public and commercial buildings
- Municipalities



Specifications

Input Voltage	240 Vac Single Phase 208 or 240 Vac 3-Phase (3P + PE) Delta 480/277 Vac 3-Phase (3P + N + PE) Wye 250 to 420 Vdc
Input Operating Range and Current	240 Vac Single Phase: 216 to 252 V, 245 A max, 60 Hz 208/240 Vac 3-Phase Delta: 190 to 252 V, 160 A max, 60 Hz 480 Vac 3-Phase Wye: 432 to 504 V, 70 A max, 60 Hz 250 to 420 Vdc: 250 to 420 V, 210 A max, 60 Hz
Output Power	Up to 50 kW maximum
Output Voltage	250 to 920 Vdc
Efficiency	95%
Charging Connector	CCS1 and NACS
Charging Cable Length	5 m standard
Charging/Data Protocols	DIN 70121 and OCPP 1.6J compliant
Network Interface	Cellular 4G LTE, Wi-Fi
RFID	ISO/IEC 14443 A/B, ISO 15393, NFC Reader Mode
Display	7" color LCD
Operational Temperature	-30 °C to +50 °C
Storage Temperature	-40 °C to +80 °C
Relative Humidity	Up to 95% non-condensing
Altitude	2000 m (6560 ft)
Enclosure Rating	NEMA 3R; IP54
Weight	Up to 312 kg
Certifications	UL2202 (pending)

Product Dimensions [in], mm



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