

EVPC3082

30 kW DC EV Charger with 82 kWh Battery Pack

Description

The EVPC0382 is an all-in-one, mobile DC quick charger that makes charging electric vehicles faster and easier, particularly when stationary installations are out of range or not available. The integrated battery storage offers a truly mobile charging solution that can be re-charged from standard grid voltages. This product is capable of fitting in standard ¾ ton pickup trucks or cargo/delivery vans.

All of Power Innovations International's EV chargers have industry standard connectivity for fast charging, remote services and software updates.



Features and Benefits

- Truly mobile and portable DC fast charging solution
- Integrated high-capacity battery for off-grid applications
- Recharging from commonly available grid voltages
- Field-replaceable power modules
- Greater than 1 million hour MTBF on PSU topology
- IP54/NEMA 3S system enclosure
- Remote upgrades via over-the-air updates

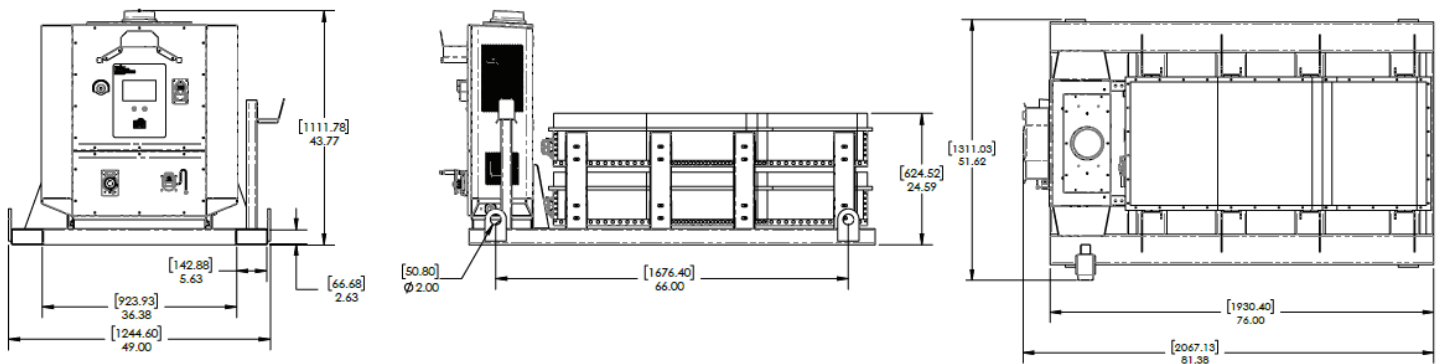
Applications

- Rental car facilities
- Festivals, live events, & movie sets
- EV infrastructure & service providers
- Emergency charging
- Retail & hospitality
- OEM test facilities
- Municipalities
- Small, mid, and large fleets & depots

Specifications

Rated Output Power	30 kW maximum
Output Voltage Range	250 to 920 Vdc
DC Output Current	80 A maximum
Output Cable	CCS1, 5 meter cable length
Maximum Charging Efficiency	96%
Energy Storage	82 kWh (40.8 kWh in 1S, 2P configuration)
Battery Chemistry	Lithium Iron Phosphate (LFP)
Cycle Life	3000 Cycles (80% of original capacity)
Input Charging Voltage	240 Vac Single Phase (Shorepower) & Level 2 EV Charger
AC Input Current	50 A from 240 Vac Single Phase; 80 A Level 2 EV Charger Input
Rated Input Power	12 kW from Shorepower, 19.2 kW from Level 2
Input Charging Connectors	CS6369 for Shorepower; J1772 Inlet for Level 2 Charger
Frequency	50 or 60 Hz
Charging/Data Protocols	DIN 70121; OCPP 1.6J
Network Interface	Cellular 4G LTE, Wi-Fi
Operational Temperature	-20° C to +45° C
Enclosure/System Rating	NEMA 3S, IP54
Weight	1950 lbs
Dimensions	48 x 76 x 44 in
Mounting	Pallet design, movable with forklift or pallet jack
Design Standards	UL 2202 (Charger); UL2580 (Battery)

Product Dimensions [mm], in



Document No.: DATA113
Last Updated: March 31, 2024
Supersedes: September 30, 2024

Power Innovations International
 1305 South 630 East
 American Fork, UT 84003
 United States
www.PowerInnovations.com

Pii POWER
 INNOVATIONS
 INTERNATIONAL

LITEON GROUP