



PROGRAM DATASHEET · OFF-GRID RESCUE CHARGER · EVPC

EVPC3082

30 kW DC EV Charger with 82 kWh Battery Pack

"The fast charger that brings its own power."



DESCRIPTION

The EVPC3082 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, and the product fits in standard 3/4-ton pickup trucks or cargo/delivery vans.

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

FEATURES & 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
- Emergency charging
- EV infrastructure & service providers
- Retail & hospitality
- OEM test facilities
- Municipalities
- Small, mid, and large fleets & depots

SPECIFICATIONS

Quoted verbatim from Pii DATA113 (last updated September 17, 2025)

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; 48 A Level 2 EV Charger input
Rated input power	12 kW from Shorepower, 11.5 kW from Level 2
Input charging connectors	CS8275 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	1,950 lbs
Dimensions	41 x 81 x 44.5 in (1040 mm x 2056 mm x 1130 mm)
Mounting	Pallet design; moveable via forklift pockets or corner lifting points
Design standards	Charger designed to UL 2202; battery designed to UL 2580

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