



Mobile EV Charger

The portable, easy-to-use Enphase Mobile EV Charger allows users to take their EV charging with them on the road for reliable Level 1 charging from any standard 120 V power outlet.

The charger is designed with an emphasis on safety and durability and can be used indoors and outdoors thanks to the NEMA Type 4 rated weatherproof enclosure.

A simple interface with three colored LED lights allows the user to easily understand the status of the charger.



User friendly

- Three colored LED lights display power and charging status
- No installation required, simply plug-in to start charging

Adaptable

- Lightweight and compact for portability
- 120 V charging from any NEMA 5-15 outlet (standard home outlets)
- Industry-leading 25-foot J1772 cable for flexible indoor and outdoor use

Reliable

- Weatherproof with NEMA Type 4 enclosure
- Can be used with with all SAE J1772 compliant EVs
- Comprehensive safety and efficiency compliance and certifications, including ENERGY STAR® Certified and ETL listing



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ELECTRICAL SPECIFICATIONS	
Countries	US, Canada
Supply voltage	120 VAC
Input voltage range	85 V–132 V
Input voltage frequency	60 Hz
Input cable type	Pre-wired with NEMA 5-15P
Input plug cable length	12" (304.8 mm)
Rated output current (continuous)	12 A
Maximum output power	1.4 kW
Output cable	Pre-wired with SAE J1772
Output cable length	25' (7.6 m)
MECHANICAL	
Enclosure dimensions (L × W × D)	3.5" × 2.7" × 13.7" (89.4 mm × 68.6 mm × 348.0 mm)
Weight	4.4 lbs (2.0 kg)
ENVIRONMENTAL SPECIFICATIONS	
Enclosure rating	NEMA Type 4
Operating temperature	-22°F to 122°F (-30°C to 50°C)
Storage temperature	-40°F to 176°F (-40°C to 80°C)
COMPLIANCE SPECIFICATIONS	
Codes and standards	SAE J1772, ENERGY STAR®, UL
Safety compliance	cETLus - Complies with UL2594 and CSA C22.2 no. 208
EMC compliance	FCC Part 15 Class B
Surge protection	2000 RMS at 120 V
Ground fault detection	Ground fault protection integral, CCID 20 mA, auto reset
Open safety ground detection	Features a continuous earth ground monitor to ensure consistent connection to good earth ground
Auto-fault reset	System will automatically resume standard operation after non-critical power fault has cleared
FEATURES	
Portable	Yes
Three LED indicators	Amber LED: Power Red LED: Fault Green LED: Charging
Warranty	3-year

Revision history

REVISION	DATE	DESCRIPTION
DSH-00110-1.0	June 2023	Initial release