

12 kW

# eBox Professional

## Level 2 Indoor/Outdoor EVSE Unit



The L2 eBox is a sleek single port charger that charges up to 50A. Our EVSE is a rugged indoor and outdoor charger that fits in a compacted area and is user friendly, utilizing an LED ring to notify charging status.

The eBox comes fully calibrated, tested, and sealed. The eClick makes this an incredibly easy install process (certain RSA activities may need to be performed).

The eBox is easily serviceable, using our eClick mechanism that allows for easy swap outs in any immediate circumstance where the EVSE needs servicing.

### KEY FEATURES

- Single Ports are rated for up to 50 Amp
- SAE J1772
- Easy installation and service
- Pole or wall mount
- Small foot print



Contact a SimplyFuel Solutions consultant for the options that best fit your needs.

# Specifications

Input/Output Power	208 Volt AC WYE system, Up to 50 A, 10.4 kW 240 Volt AC split phase, Up to 50 A, 12 kW 240 Volt AC Center Tap Delta, Up to 50 A, 12 kW
Max line cross section	Max supply line (top or bottom entry): 3x AWG4 (10 mm <sup>2</sup> ) for L1, L2, and Ground
Number of connectors	1x Type 1 plug as defined under SAE J1772
Cable length	24.6 ft (7.5 m)
Vehicle communication	Charging current controlled via PWM pilot signal in accordance with IEC 61851-1:2017, SAE J1772
Operating temperature	-22°F to 122°F (-30°C to +50°C) full load Thermal overload protection: output power reduced at higher temperatures
Storage temperature	-22°F to +176°F (-30 °C to +80 °C)
Air humidity	5% to 95% as defined under IEC 61851-1 Ed.3/EN 61851-1 (2017)
Max altitude above sea level	Max 6,500 ft (2,000 m)
Weight	<b>eBox Professional</b> - 20lbs with SAE Cable <b>eClick</b> - 2.2 lbs
Packaging dimensions	<b>eBox</b> - 27.4 x 14.6 x 9.3 in. (695 mm x 370 mm x 235 mm) (W x D x H) <b>eClick</b> - 20.3 x 8.9 x 3 in. (515 mm x 225 mm x 75 mm) (W x D x H)

## Certifications

Certification	UL/FCC
Enclosure Rating	Type NEMA 3S
Protection category (impact strength)	IK10 as defined under IEC 62262:2002

## Recommended Additional Accessories

Short circuit / overload protection installed in sub-distribution per charge port	Circuit breaker required according to national law and regulations. Electrical installer to choose correct circuit breaker depending on grid type and power.
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## Contact

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