

Up to 11.5 kW - Level 2

# eBox Professional

Level 2 indoor/outdoor charger



L2 eBox is a sleek single port charger that charges up to 50A. The rugged indoor and outdoor charger 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 eBox is easily serviceable, using our eClick mechanism that allows for easy swap outs in any immediate circumstance where the charger needs servicing. eClick makes this an incredibly easy install process (certain RSA activities may need to be performed).

### Options

- Wall or pedestal mount

### KEY FEATURES

- Single ports are rated for up to 50 Amp
- SAE J1772
- UL/ FCC Certified



### Applications

Indoor/Outdoor use  
Fleets  
OEM  
General

# Specifications

Parameters	
Input/Output power	208 Volt AC WYE system, 48 A, 10 kW 240 Volt AC split phase, 48 A, 11.5 kW 240 Volt AC Center Tap Delta, 48 A, 11.5 kW
Max line cross section	Max supply line (top or bottom entry): 3x AWG4 (10 mm <sup>2</sup> ) for L1, L2, and Ground
Applications	Indoor/Outdoor EVSE
Enclosure rating	Type NEMA 3S
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)
Protection category (impact strength)	IK10 as defined under IEC 62262:2002
Weight	eBox Professional: 20lbs with SAE Cable eClick: 2.2 lbs
Number of connectors	1x Type 1 plug as defined under SAE J1772
Cable length	24.6' (7.5 m)
Packaging dimensions (W x D x H)	eBox: 27.4" x 14.6" x 9.3" (695 mm x 370 mm x 235 mm) eClick: 20.3" x 8.9" x 3" (515 mm x 225 mm x 75 mm)
Certification	Intertek, FCC part 15
Working Conditions	
Vehicle communication	Charging current controlled via PWM pilot signal in accordance with IEC 61851-1:2017, SAE J1772
Alternative vehicle communication	ISO 15118 ready via PLC
Back-end communication	WLAN with 2.4 GHz IEEE 802.11 b/g/n with WPA2 or LAN or Cellular (4G)
Communication protocol	OCPP 1.6J to Central System
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.



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



## Contact

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