

EVBox Iqon

Premium commercial charging solution



Created specifically for the North American electric vehicle market, EVBox Iqon is designed to balance form and function.

Modular construction allows for easy installation and service.
Bluetooth commissioning enables flexible integration with multiple software providers.

18ft auto-locking cable management system and 8" LCD touch screen interface create an optimal user experience for both drivers and site hosts.



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-  Up to 7.2 kW at 30 A
Charges up to 25 miles in an hour
-  OCPP 1.6 compliant
-  Integrated cable management system
-  Wi-Fi and 4G*
-  RFID / QR
-  LCD display, LED ring, and light guides
-  Easy to install and maintain
-  Back-to-back install option
-  ADA compliant
-  3-5 year warranty

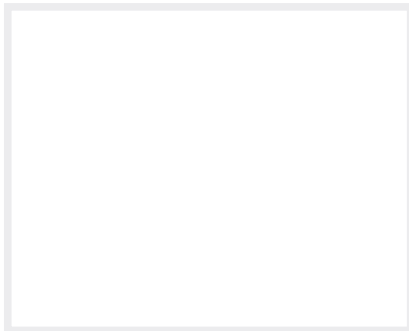
* EVBox Iqon requires an OCPP charging network in order to activate a charging session.



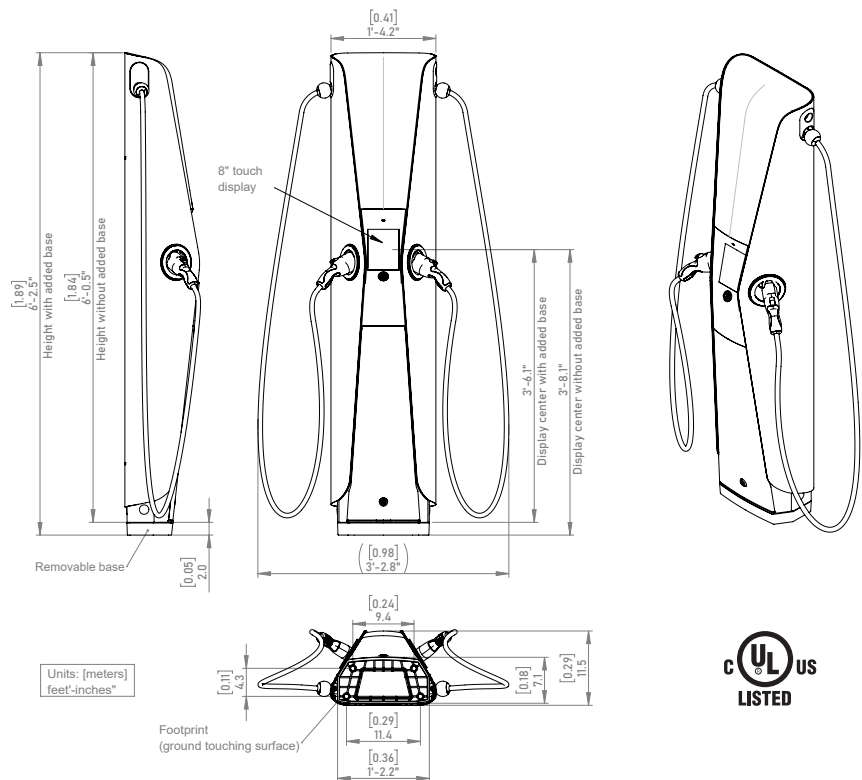
Max charging capacity
Charge mode
Max. output power
Connectors
Charging cable length
Plug holders
Display
Display languages
System lighting
Session activation
Electrical safety
Station surge protection
Maximum cluster size
Mobile connectivity – Hub
Connectivity – Hub
Time synchronization – Hub
Communication protocol – Hub
Safety and compliance
Enclosure rating
Collision/vandalism detection
Metering

Operating temperature
Operating humidity
Storage temperature
Storage humidity
Smart energy management
Dimensions, mm (WxHxD)
Weight
Mounting
Housing
Plastic materials

Up to 7.2 kW per cable
 2x Type 1 (SAE J1772) fixed cables – fully sealed
 2x 7.2 kW (1-phase, 208-240 V AC, 30 A per cable)
 Level 2 (UL2594) / Mode 3 (IEC 61851)
 18' / 5.5 m with smart cable management system
 With docking sensor and locking mechanism
 8" (20 cm) LCD IPS full color screen (768 x 1024 px) with capacitive touch, sunlight readable
 English, Spanish, French, German, Dutch
 Day & Night mode, auto-adjustable light intensity, automatic system wake-up
 RFID / QR code
 CCID 20 mA AC leakage detection per outlet
 6 kV
 10 dual chargers (20 charge ports)
 4G LTE-FDD CAT1 (B2/4/12) / 3G WCDMA (Band 2/5)
 Dual band Wi-Fi 2.4/5 GHz, Bluetooth 4.0 for configuration with the EVBox Connect app, GPS
 GPS / Wi-Fi
 OCPP 1.5 S / 1.6 S / 1.6 J
 UL 2594, UL2231-2, UL 1998-3, UL 991, cULus, FCC
 IP55 / IK10 / UL 50E (Type 3R)
 Tilt sensor
 Dual UL-certified revenue grade kWh meter (with California's Title 24 compliance for service metering)
 -22°F to 113°F / -30°C to +45°C
 85% @ 122°F / 50°C (non-condensing)
 -40°F to 140°F / -40°C to +60°C
 95% @ 122°F / 50°C (non-condensing)
 Adjusting max. current, charging profiles, dynamic load balancing (via MAX protocol)
 16.2" x 74.5" x 11.5" / 415x1894x275 mm with 2" (50 mm) removable base extension
 188 lb / 85 kg (excluding packaging)
 Ground mount: free standing, wall-supported or back-to-back options
 Stainless steel
 UL 94 – V0 / US-FMVSS / ISO 3795 passed, DIN 53438 F1/K1



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Specifications are subject to change without notice.
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