



Color: Black

Weight: 16.1 lbs

Project:	Type:
Prepared By:	Date:

### Technical Specifications

#### Performance

**Product Type:**

EVC Level 2, 48A Series

**Description:**

48A / 11.5 kw Residential/Commercial Charger: 4G networked, OCPP 1.6J protocol, 16.4' Cord, 5-inch LCD display, configurable power, and ISO 15118 protocol.

**Protocol:**

OCPP Ready

**Output Power:**

11.5kW

**Power Configurable:**

6A, 8A, 10A, 13A, 16A, 20A, 25A, 30A, 32A, 40A, 48A. Default setting: 48A

**Network Connectivity:**

Ethernet + Wi-Fi (IEEE 802.11 b/g/n) + 4G

**RFID + QR Code Capability:**

Included

**Load Management:**

Online or Local

**OTA Capability:**

Included

**Cable Management:**

Optional with accessories sold separately

#### Electrical

**Charging Interface:**

SAEJ1772 Type 1

**Input Current:**

48A

**Operating Frequency:**

50/60Hz

**Input Voltage:**

200-240V, Single Phase

**AC Input Connection:**

L1/L2/GND or L/N/PE

**Output Current:**

48A (max) (with AC breaker capacity selection)

**Operating Temperature:**

-22°F to 122°F (30°C to 50°C)

**Humidity:**

Max 85%

**Input Side Protection:**

UVP, OVP, Surge Protection, Ground Fault

**Output Side Protection:**

OCPP, Control Pilot Fault, Residual Current Protection

**Internal Protection:**

OTP, Relay Welding Detection, CCID Self-Test, MCU Function Fault Detection

**Rating of Branch Circuit Breaker:**

60A

**Input Wire Size:**

6 AWG

**Metering Accuracy:**

Meter IC (1% Accuracy)

#### Construction

**Display Screen:**

5-inch LCD display, LED Indicator

**Number of Ports:**

Single

**Charging Cable:**

16.4 ft

**Finish:**

Black

## Technical Specifications (continued)

**Tamper Resistant:**

IK08 rated to protect the unit against external mechanical impacts (not rated for the LCD display screen or RFID)

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**Installation****Mounting:**

Wall, Single or Double Pedestal

**Hardwired:**

Yes

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**Compliance****Listings:**

UL Listed, UL 2594; UL2231-1/-2

**Shock Protection:**

CCID20. A charging circuit interrupting device (CCID) automatically interrupts the circuit when the current reaches or exceeds the threshold current of 20mA.

**OpenADR:**

No

**IP Rating:**

Ingress protection rating of IP56 for dust and water

**NEMA Rating:**

Type 4, weatherproof protection

**California Type Evaluation Program (CTEP):**

This product meets the requirements of the California Type Evaluation Program (CTEP).

**Energy Star Approved:**

No

**RoHS:**

Mercury and UV free. RoHS-compliant components.

**FCC:**

Complies with Part 15 of the FCC Rules

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**Other****Compatible Accessories:**

EVPS Single Pedestal Base

EVMS Single Cable Management Add-On (Top)

16.4ft

EVPD Dual Pedestal Base

EVMD Dual Cable Management Add-On (Top) 16.4ft

**3 Yr Limited Warranty:**

RAB warrants that our products will be free from defects in materials for a period of three (3) years from the date of delivery to the end user. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty)

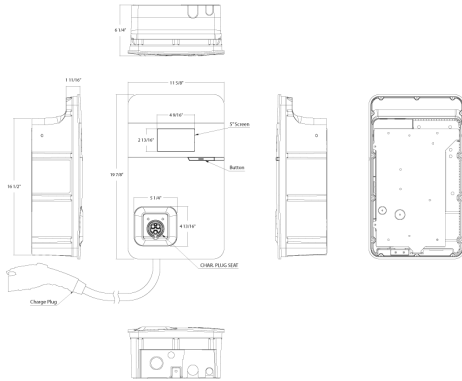
**Note:**

All values are typical (tolerance +/- 10%)

**Buy American Act Compliance:**

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

## Dimensions



## Features

- Residential and Commercial EV Charging
- 48A-11.5kW Single Phase
- IP56/NEMA Type4/IK08 Protection
- UN-PROVISIONED. OCPP READY
- Local Load Management

## Ordering Matrix

Family	Max. Current	Cable Length	Nozzle	Compliance
EVC	48			/U
	48 = 48A	Blank = 16.4 ft	Blank = J1772	Blank = CTEP Compliant / OCPP Compliant /U = CTEP Compliant / OCPP not provisioned