# Level 2 EV Charger







EVC40

EVC32

## PROJECT:

DATE:

TYPE:

PREPARED BY:







# Level 2 EV Charger





EV CONCIERGE



UTILITY REBATES









C Ro

# **KEY FEATURES**

- Residential and Commercial EV Charging
- 32A-7.6kW, 40A-9.6kW Single Phase
- IP65 / NEMA Type4 / IK08 Protection
- Plug and play
- SAE J1772 Type 1
- NEMA14-50 Plug
- 23 ft Cable

# **PERFORMANCE**

Catalog Number	Product Type	Output Power	Power Configuration	Input Current	Output Current	Rating of Branch Circuit Breaker	Input wire size	Charging Cable
EVC32	EVC Level 2, 32A Series	7.6 kW	Max 32A	32A	32A (max)		8 AWG	23 ft
EVC40	EVC Level 2, 40A Series	9.6 kW	Max 40A	40A	40A (max)	50A		

# **CONSTRUCTION**

**Display Screen** 

No Display

**Number of Ports** 

Single

**Charging Cable** 

23 ft

Finish

Silver

**Tamper Resistant** 

IK08 rated to protect the unit against external impacts

# **INSTALLATION**

Mounting

Wall mount

Hardwired

No

# Level 2 EV Charger



# **TECHNICAL SPECIFICATIONS (CONT.)**

#### **ELECTRICAL**

### **Charging Interface**

SAEJ1772 Type 1

#### Input Current

32A, 40A

#### **Operating Frequency**

50/60 Hz

#### Input Voltage

200-240V, Single Phase

## **AC Input Connection**

NEMA 14-50 plug

## **Output Current**

32A (max), 40A (max)

#### **Operating Temperature**

-22°F to 131°F (-30°C to 55°C)

#### Humidity

Max 90%

#### **Input Side Protection**

Leakage protection

Over-voltage protection

Over current protection

Under-voltage protection

Short circuit protection

Over temperature protection

#### **Output Side Protection**

Leakage protection

Over-voltage protection

Over current protection

Under-voltage protection

Automatic full charge protection

Control pilot fault protection

Short circuit protection

Over temperature protection

#### **Internal Protection**

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

# **Rating of Branch Circuit Breaker**

50A

#### Input wire size

8 AWG

#### **Metering Accuracy**

Meter IC (1% Accuracy)

#### **COMPLIANCE**

#### Listings

**ETL Listed** 

#### **Shock Protection**

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

#### OpenADR

No

#### **IP Rating**

Ingress protection rating of IP65 for dust and water

#### **NEMA Rating**

Type 4, weatherproof protection

#### California Type Evaluation Program (CTEP)

No

#### **Energy Star Approved**

Yes

#### ECO

Complies with Part 15 of the FCC Rules.

#### RoHS

Mercury and UV free. RoHS-compliant components.

#### **OTHER**

## Warranty

Electric Vehicle Charger products will be free from defects in materials and workmanship for a period of (3) years from the date of original sale to RAB's distributor. The product shall be considered defective only if it cannot be brought back to service by assistance from RAB technical product support representative. If you have a technical issue or question regarding warranty, call our technical support team at RAB Help line. Exceptions apply as stated on product specification sheets incorporated herein by reference. Defects in material or workmanship do not include improper installation or operation, alterations, power surges or overheating due to external conditions. Defects caused by acts of vandalism and incidents beyond control of manufacturer resulting in inoperability of the electric vehicle charger are not covered by the material or workmanship warranty.

#### **Buy American Act Compliance**

No

#### Note

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

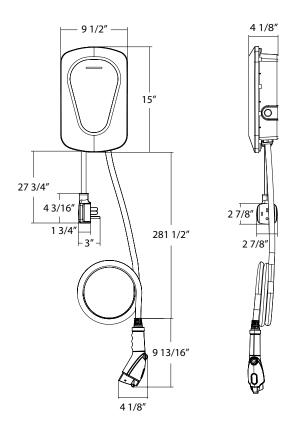
# Level 2 EV Charger



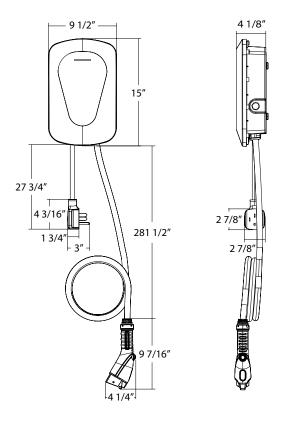
# **DIMENSIONS**

EVC32

Weight: 13.8 lbs



EVC40 Weight: 14.3 lbs



# ORDERING INFO

Catalog Number	UPC	Case Pack		
EVC32	192552037211	1		
EVC40	192552037242	1		

# **ORDERING MATRIX**

Family	Max. Current		Cal	ble Length	Nozzle		
EVC							
EV Charger	32 40	32A output	Blank	23 ft Cable	Blank	J1772	