

Technical datasheet



EVduty

EVC30 SERIES

ELECTRICAL VEHICLE
CHARGING STATION
LEVEL 2

Product

The EVduty EVC30 series is a Level 2 Electric Vehicle Charging Station. Its primary function is to send electrical power to an Electrical Vehicle that is equipped with the SAE J1772 Electric Vehicle connector. Here are the main parts of the product



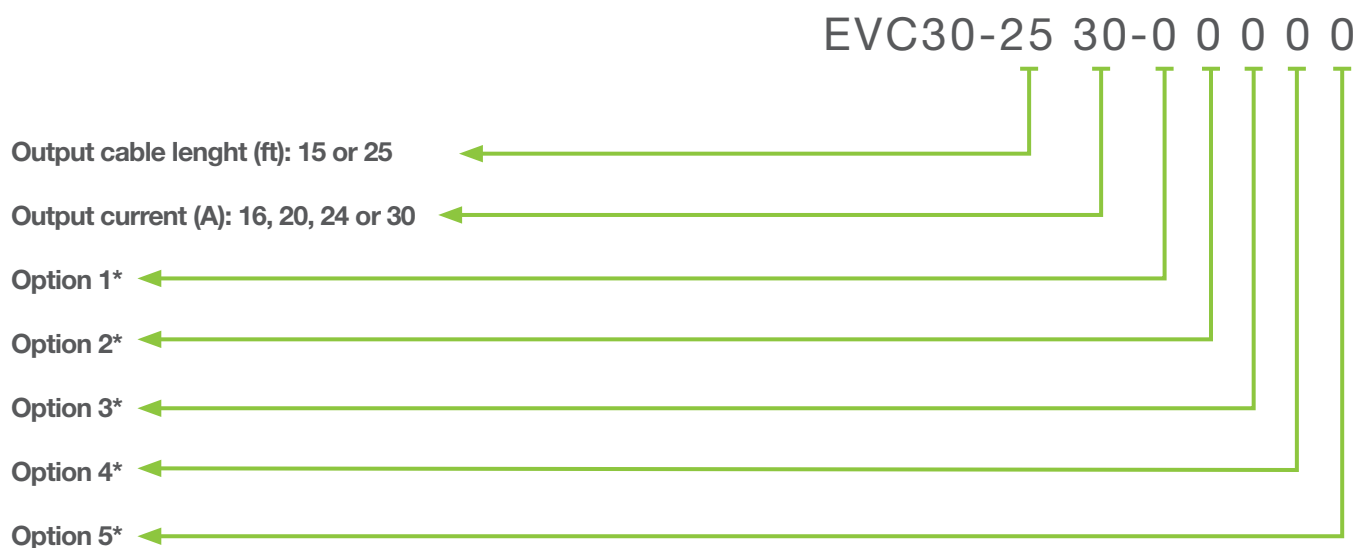
Figure 1: EV Charging station

- A** 240V input connector
(or wiring leads on some models)
- B** Main LED
- C** Enclosure

- D** Electric Vehicle Charging Cable
- E** SAE J1772 Connector's Release Button
- F** SAE J1772 Electric Vehicle Connector

Model

This charging station is offered in a variety of different models. The base options choices include length of the output cable and output current. There are also some other options: NEMA 14-50P input connector. The part number of the unit is built as shown below:



Option 1: N/A (reserved for future, default as "0")

Option 2: N/A (reserved for future, default as "0")

Option 3: N/A (reserved for future, default as "0")

Option 4: Power Input Type: 0 = Plug
1 = Wiring leads

Option 5: Input Plug Type: 0 = NEMA 6-50P
1 = NEMA 14-50P
2 = None (only available if Option #4 is 1)

* Please contact the manufacturer for more details concerning these options.

Technical specifications

INPUT VOLTAGE

208-240VAC single phase, 30A

INPUT CONNECTOR

NEMA 6-50P

NEMA 14-50P (optional)

6' input cable with wiring leads (optional)

ENCLOSURE ENVIRONMENT RATING

UL/CSA NEMA types 3R.

PERSONAL PROTECTIONS

Ground Monitoring; Charge Circuit Interrupting Device with 20mA threshold (CCID20)

DIMENSIONS (LENGTH X WIDTH X DEPTH)

330 mm x 165 mm x 60 mm (13,00" x 6,50" x 2,50")

OUTPUT CONNECTOR

SAE J1772, choice of 2 different output cable length: 4.6 m (15'), 7.5 m (25')

OPERATING TEMPERATURE

-40 °C to 40 °C

STORAGE TEMPERATURE

-40 °C to 80 °C

WEIGHT

4.5 kg (10 lbs)