

# *Technical Datasheet*

ELECTRICAL VEHICLE CHARGING STATION LEVEL 2

**EVC30T/EVC30T-IN**



## OVERVIEW

The Elmec Inc. **EVC30T/EVC30T-IN** is a Level 2 Electrical Vehicle Charging Station. Its primary function is to send electrical power to an electric vehicle that is equipped with the SAE J1772™ Electric Vehicle connector. There are different models of this charging station:

### MODEL 4

Can be used in wet location (UL/CSA type 3R, 4, 4X enclosure)

25' (7.6 m) Output Cable SAE J1772™

30A Output Current (40A circuit breaker)

Electrical installation require a junction box

Fixed and permanent installation

### MODEL 5

Can be used in wet location (UL/CSA type 3R, 4, 4X enclosure)

25' (7.6 m) Output Cable SAE J1772™

30A Output Current (40A circuit breaker)

Electrical installation with a NEMA 6-50P 240V plug on input cable

Portable model, non-permanent installation

### MODEL 30

Can be used in wet location (UL/CSA type 3R, 4, 4X enclosure)

15' (4.6 m) Output Cable SAE J1772™

30A Output Current (40A circuit breaker)

Electrical installation require a junction box

Fixed and permanent installation

### MODEL 31

Can be used in wet location (UL/CSA type 3R, 4, 4X enclosure)

15' (4.6 m) Output Cable SAE J1772™

30A Output Current (40A circuit breaker)

Electrical installation with a NEMA 6-50P 240V plug on input cable

Portable model, non-permanent installation

## PARTS LIST



A	NEMA 6-50P 240V connector (optional)
B	Unit transport handle
C	Enclosure
D	SAE J1772™ electric vehicle connector
E	SAE J1772™ connector's release button
F	Electric vehicle charging cable

**WARNING !!!**

DO NOT REMOVE THE BOLTS THAT HOLD THE ALUMINUM HANDLE ONTO THE ENCLOSURE OF THE CHARGING STATION

Figure 2.1: Electric Vehicle Charging Station (EVC30T Portable version shown)

## SPECIFICATIONS



### Input voltage

208-240VAC single phase, 30A Level 2 EVSE



### Input connector

NEMA 6-50P (models 21, 31, 5 and 7);  
wall-mount junction box connection  
(models 4 and 30)



### Output connector

SAE J1772™  
choice of 3 different cable lengths: 15' (4.6 m), 18' (5.5 m), 25' (7.6 m)



### Operating temperature

-40 °C to 40 °C



### Storage temperature

-40 °C to 100 °C



### Dimensions (Height x Width x Depth)

(17" x 10" x 4 1/4")



### For outdoor use

Models 4, 5, 30 and 31  
(UL/CSA enclosure Type 3R, 4, 4x)



### Weather resistant

All models



### Weight

4.5 kg (10 lb)