

DCC-12

Electric Vehicle Energy Management System

ENGLISH



PAT. NO. 10.486.539



Breaker	Main power supply							
	60A	70A	80A	90A	100A	125A	150A	200A
EV charger	60A	70A	80A	90A	100A	125A	150A	200A
30A	✓	✓	✓	✓	✓	✓	✓	✓
40A	✗	✗	✓	✓	✓	✓	✓	✓
50A	✗	✗	✗	✗	✓	✓	✓	✓
60A	✗	✗	✗	✗	✗	✓	✓	✓

Voltage and wiring 240/208V AC single phase: L1, L2, Neutral, Ground.

Frequency 50 à 60 Hz

Operation temperature -22°F à 113°F (-30°C à 45°C)

Rated NEMA 3R

Wire Gauge Size up to 250 kcmil (MCM)

Dimensions* (H" x W" x D") 11" x 8" x 5"

Total weight* 8 lb (3,63 kg)

*Approximative and can change without notice. V2

DCC-12 is an energy management system specifically designed to allow the connection of an EV charger to a panel that is at full capacity and would otherwise need a service upgrade.

OPERATION

- Real-time reading of the total power consumption of the home's electrical panel;
- Detects when total power consumption exceeds 80% of main circuit breaker capacity and temporarily de-energizes the EV charger;
- Automatically re-energize the EV charger when the total power consumption of the electrical panel is less than 80% of its capacity for more than 15 minutes.
- Requires one double pole breaker slot available in a panel.

FEATURES

- Does not affect load calculation of a panel.
- Automatic billing of electricity by the utility.
- Can be wall or ceiling mounted.
- NEMA 3R enclosure for outdoor and indoor installation.

INCLUDED

- Electric Vehicle Energy Management System
- Power Relay (Max 60A)
- 2 Split Core Current Transformers (CT)

INSTALLATION EXAMPLES

