

DCC-12

Electric Vehicle Energy Management System

ENGLISH



PAT. NO. 10.485.539



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

- Charge Controller
- Power Relay (Max 60A)
- 2 Split Core Current Transformers (CT)

Breaker	Main power supply							
	60A	70A	80A	90A	100A	125A	150A	200A
EV charger								
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							
Dimensions* (H" x W" x D")	11" x 8" x 5"							
Total weight*	8 lb (3,63 kg)							
*Approximative and can change without notice.								V1

INSTALLATION EXAMPLES

