

ELECTRIC VEHICLE ENERGY MANAGEMENT SYSTEM





 PAT. NO. 10.486.539

The DCC-11 is an Electric Vehicle Energy Management System (EVEMS) that allows a charger to be connected directly to an electrical panel of a multi-unit residential building (MURB) dwelling, which would otherwise not have sufficient capacity to allow the connection.

OPERATION

- Real-time reading of the total panel power consumption with pre-wired current transformers (CT).
- Detects when total power consumption exceeds 80% of main circuit breaker capacity and temporarily de-energizes the EV charger.
- Automatically re-energizes the EV charger when the total power consumption is less than 80% of main circuit breaker capacity for more than 15 minutes.

FEATURES

- Ideal when no more breaker slots are available in a panel
- Does not affect load calculation of a panel
- Automatic billing of electricity by the utility for multi-unit residential building installations.
- Can be ceiling or wall mounted.

INCLUDED

- Electric Vehicle Energy Management System
- Splitter Box (Max 200A)
- EV Charger Breaker (Max 60A)
- 2 Pre-Wired Current Transformers (CT)

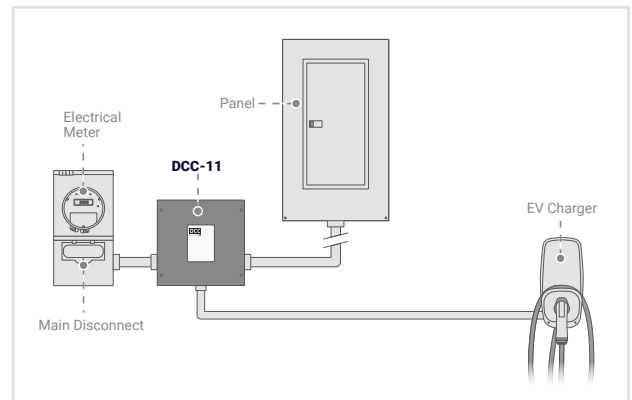
MODELS	BREAKER	MAIN POWER SUPPLY								
		** EV charger	60A	70A	80A	90A	100A	125A	150A	200A
DCC-11-30A	30A		x	x	x	x	x	x	✓	✓
DCC-11-40A	40A	x	x	x	SEE DCC-9	x	x	x	✓	✓
DCC-11-50A	50A	x	x	x	SEE DCC-9	x	x	x	✓	✓
DCC-11-60A	60A	x	x	x	x	x	x	x	✓	✓

Voltage and wiring 240/208V AC single phase: L1, L2, Neutral, Ground.
Terminals size up to 300 MCM (CU/AL)
Frequency 50 to 60 Hz
Operation temperature -22°F to 113°F (-30°C to 45°C)
Max torque L1, L2, Neutral: 120 in-lbf / Ground: 50 in-lbf
 Breaker terminals: 45 in-lbf
Dimensions* (H" x W" x D") 16" x 16" x 8"
Total weight* 23 lb (10,43 kg)

*Approximative and can change without notice. V5

** Not limited to compatibility with electric vehicle charging stations, this product can be installed with resistive loads of up to 60A and inductive loads of up to 40A

INSTALLATION EXAMPLES



INTERNAL COMPONENTS

