

DCC-9

Electric Vehicle Energy Management System

ENGLISH

GENERATION 2.1



PAT. NO. 10.486.539



Models	Breaker EV charger	Main power supply					
		60A	70A	80A	90A	100A	125A
DCC-9-30A	30A	✓	✓	✓	✓	✓	✓
DCC-9-40A	40A	✗	✗	✓	✓	✓	✓
DCC-9-50A	50A	✗	✗	✗	✗	✓	✓
DCC-9-60A	60A	✗	✗	✗	✗	✗	✓

Voltage and wiring	240/208V AC single phase: L1, L2, Neutral, Ground.
Terminals size	up to 2/0 (CU/AL)
Frequency	50 to 60 Hz
Operation temperature	-22°F to 113°F (-30°C to 45°C)

	Dimensions* (H" x W" x D")	Total weight*
	12" x 12" x 7.5"	17 lb (7,71 kg)
NEMA 3R enclosure	14" x 13" x 8"	18 lb (8,16 kg)

*Approximative and can change without notice.

DCC-9 is an energy management system designed to allow the connection of an EV charger to the main feeder of a panel without affecting the load calculation.

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.

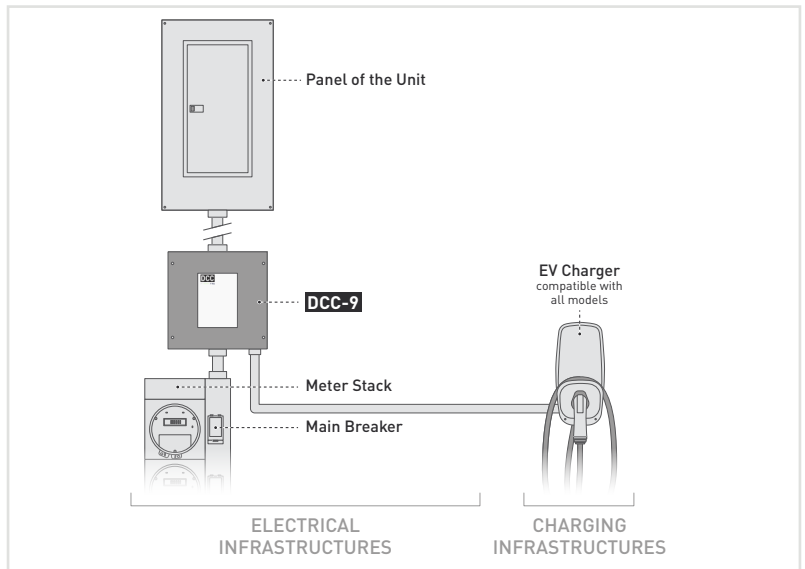
FEATURES

- 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.
- NEMA 3R enclosure available for outdoor installations.

INCLUDED

- Electric Vehicle Energy Management System
- Splitter Box (Max 125A)
- EV Charger Breaker (Max 60A)
- 2 Pre-Wired Current Transformers (CT)

INSTALLATION EXAMPLE



INTERNAL COMPONENTS