

DCC-10

Electric Vehicle Energy Management System

ENGLISH



PAT. NO. 10.486.539



Models	Breaker EV charger	Main power supply							
		60A	70A	80A	90A	100A	125A	150A	200A
DCC-10-30A	30A	✓	✓	✓	✓	✓	✓	✓	✓
DCC-10-40A	40A	✗	✗	✓	✓	✓	✓	✓	✓
DCC-10-50A	50A	✗	✗	✗	✗	✓	✓	✓	✓
DCC-10-60A	60A	✗	✗	✗	✗	✗	✓	✓	✓

Voltage and wiring	240/208V AC single phase: L1, L2, Neutral, Ground.
Frequency	50 to 60 Hz
Operation temperature	-22°F to 113°F (-30°C to 45°C)
Wire Gauge Size	up to 250 kcmil (MCM)

	Dimensions* (H" x W" x D")	Total weight*
	11" x 11" x 4.5"	12 lb (5,44 kg)
NEMA 3R enclosure	14" x 13" x 8"	14 lb (6,35 kg)

*Approximative and can change without notice. V2

DCC-10 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.

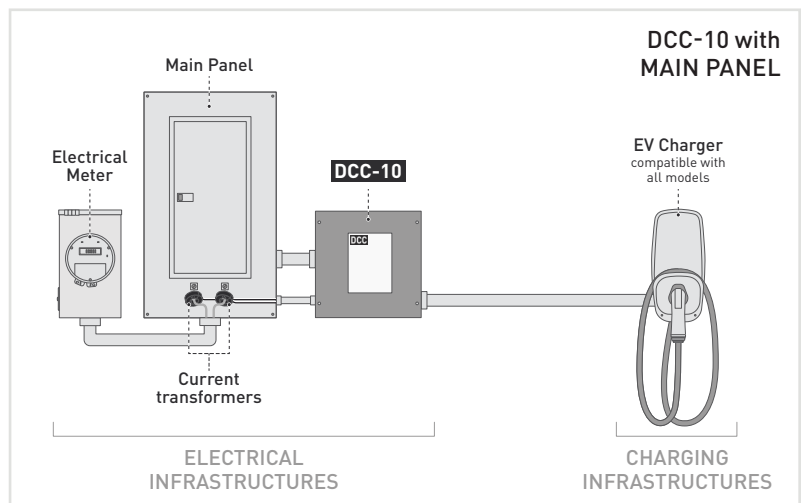
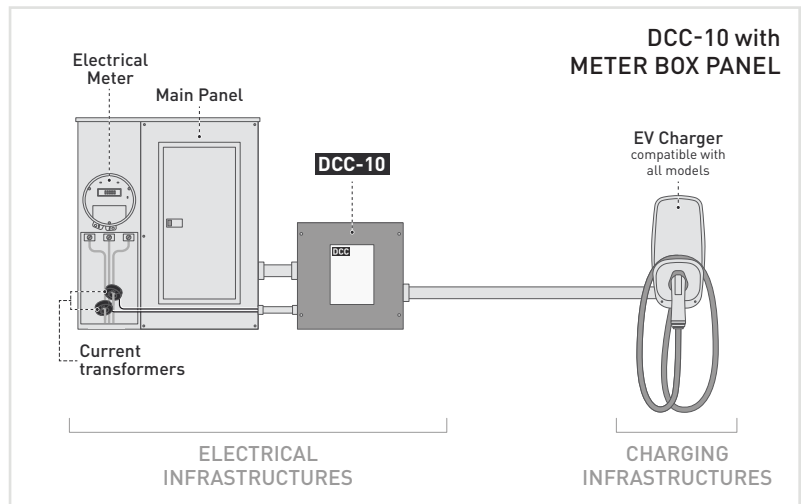
FEATURES

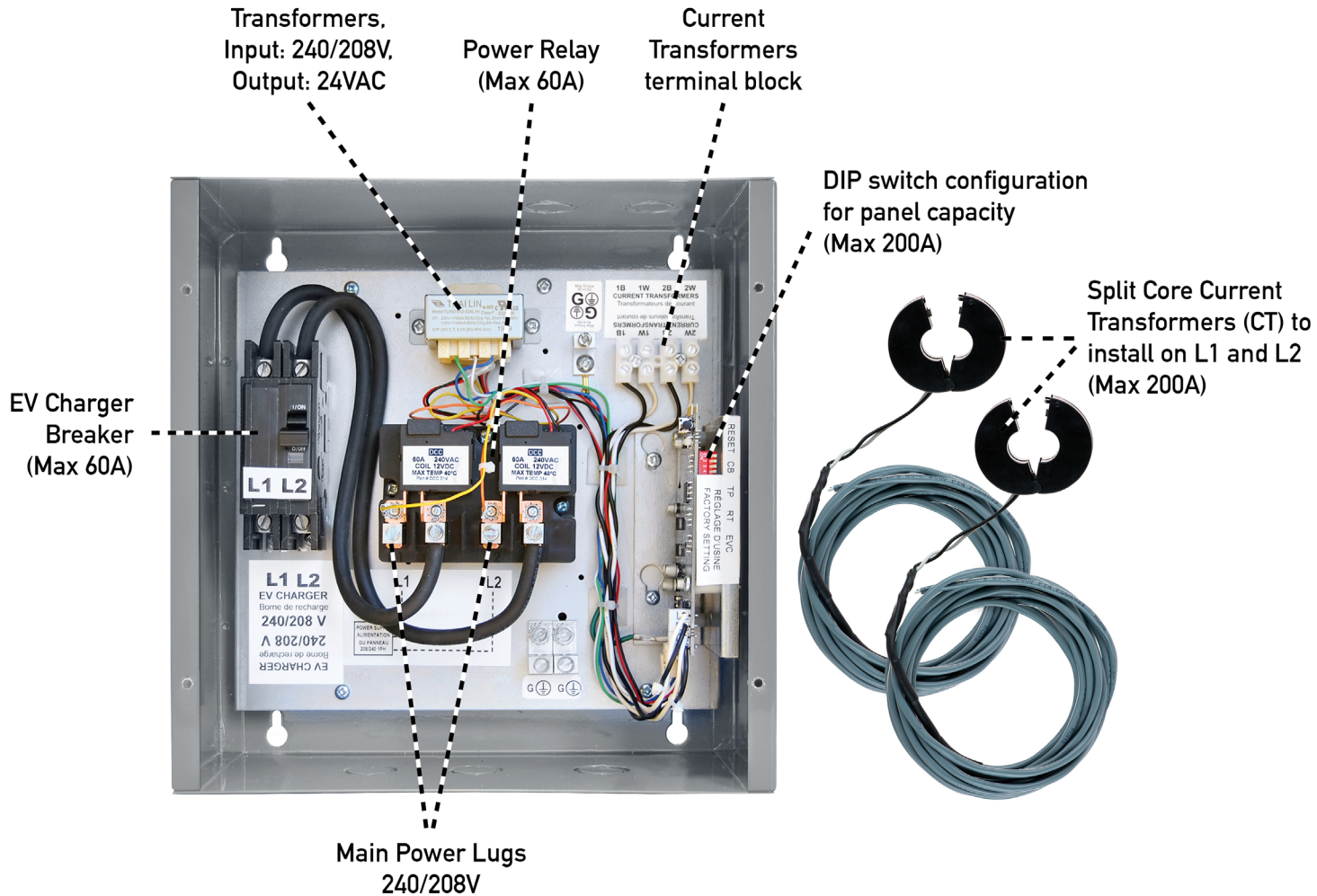
- Does not affect load calculation of a panel.
- Automatic billing of electricity by the utility.
- Can be wall or ceiling mounted.
- NEMA 3R enclosure available for outdoor installation.

INCLUDED

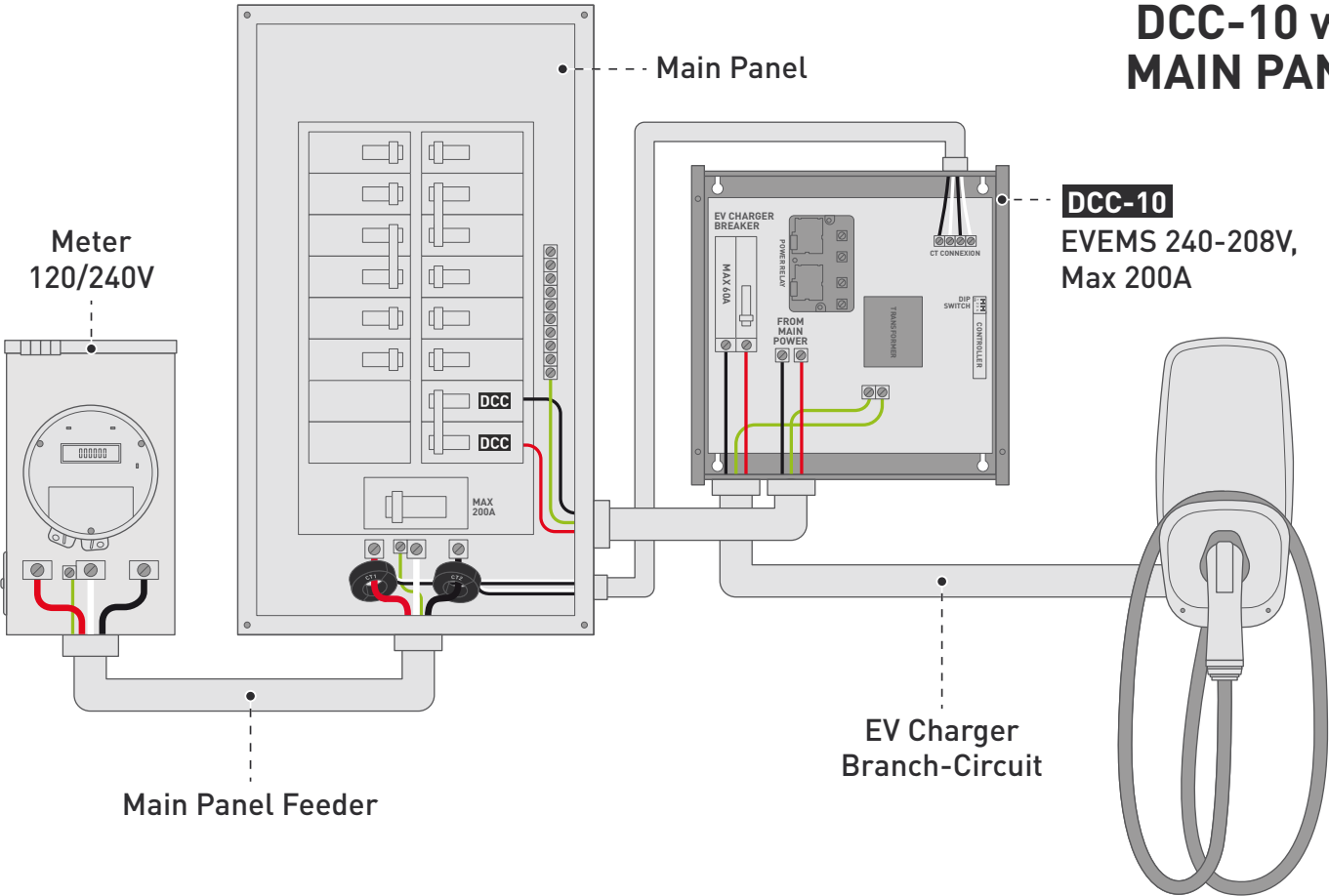
- Electric Vehicle Energy Management System
- EV Charger Breaker (Max 60A)
- 2 Split Core Current Transformers (CT)

INSTALLATION EXAMPLES



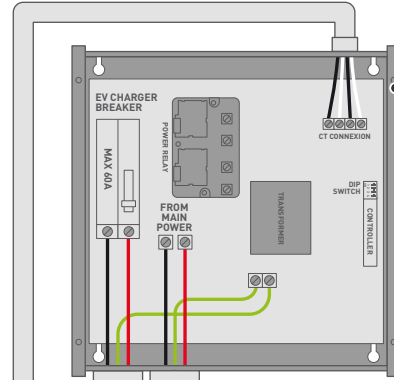
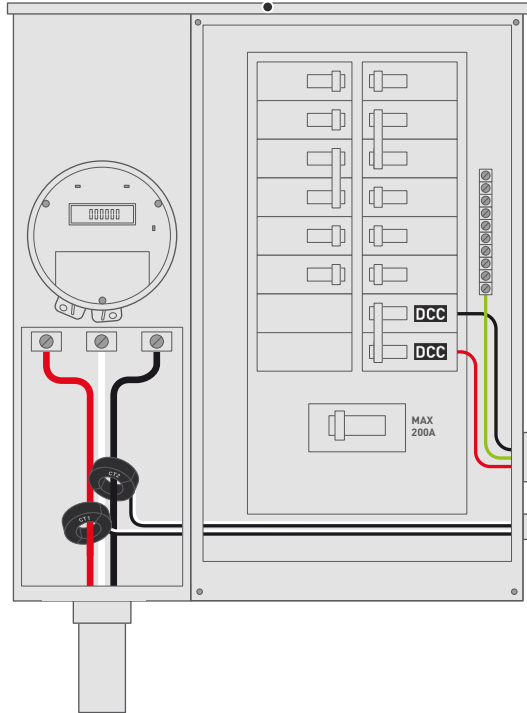


DCC-10 with MAIN PANEL



Meter Box Panel
120/240V

DCC-10 with METER BOX PANEL



DCC-10
EVEMS 240-208V,
Max 200A

EV Charger
Branch-Circuit

