



PAT. NO. 10.486.539



DCC-11 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.

INCLUDED

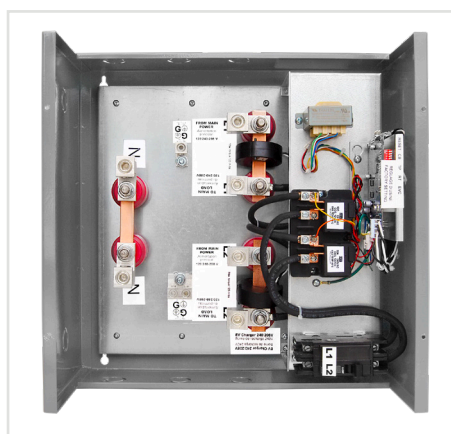
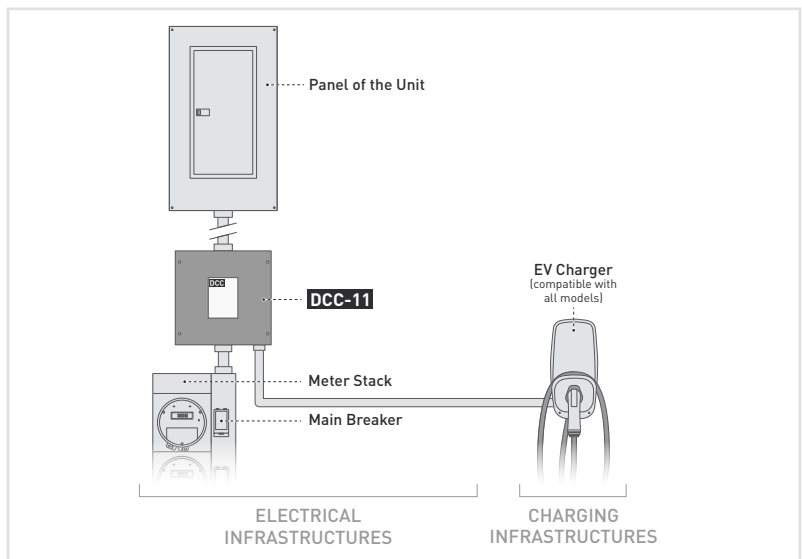
- Electric Vehicle Energy Management System
- Splitter Box (Max 200A)
- EV Charger Breaker (Max 60A)
- 2 Pre-Wired Current Transformers (CT)

| Models | Breaker EV charger | Main power supply | |
|------------|-----------------------|-------------------|------|
| | | 150A | 200A |
| DCC-11-30A | 30A | ✓ | ✓ |
| DCC-11-40A | 40A | ✓ | ✓ |
| DCC-11-50A | 50A | ✓ | ✓ |
| DCC-11-60A | 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") | 16" x 16" x 8" |
| Total weight* | 23 lb (10,43 kg) |

*Approximative and can change without notice. V1

INSTALLATION EXAMPLES



INTERNAL COMPONENTS