



PAT. NO. 10.486.539



Models	Breaker EV charger	Main power supply							
		60A	70A	80A	90A	100A	125A	150A	200A
DCC-11-30A	30A	×	×	×	×	×	×	✓	✓
DCC-11-40A	40A	×	×	SEE DCC-9	×	×	×	✓	✓
DCC-11-50A	50A	×	×	×	×	×	×	✓	✓
DCC-11-60A	60A	×	×	×	×	×	×	✓	✓

**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)

**Dimensions\*** (H" x W" x D") 16" x 16" x 8"

**Total weight\*** 23 lb (10,43 kg)

\*Approximative and can change without notice.

V3

**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.

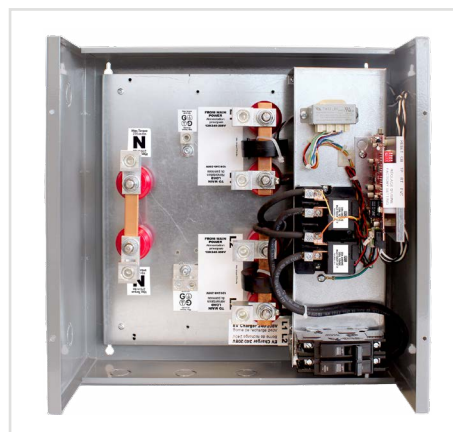
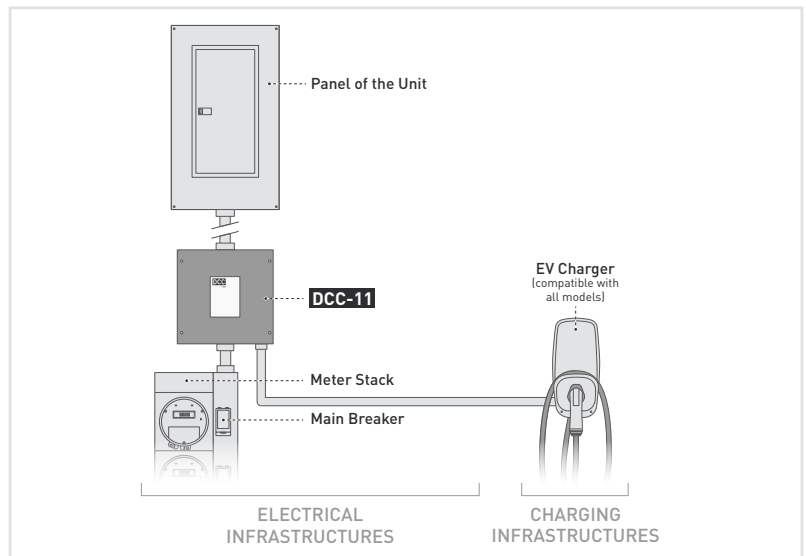
## FEATURES

- 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.
- Possibility to receive and transmit load shedding instructions from an external energy management system via a dry contact input and output.

## INCLUDED

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

## INSTALLATION EXAMPLES



## INTERNAL COMPONENTS

**Splitter Box**  
120/240-208V (Max200A)

**Transformer,**  
Input: 240/208V, Output: 24VAC

**Main Power Lugs**

**Neutral Lugs**

**Main Load Lugs**

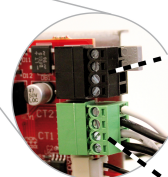
**DIP switch configuration**  
for panel capacity

**Power Relay**  
(Max 60A)

**Dry contact for control**  
via external energy  
management system

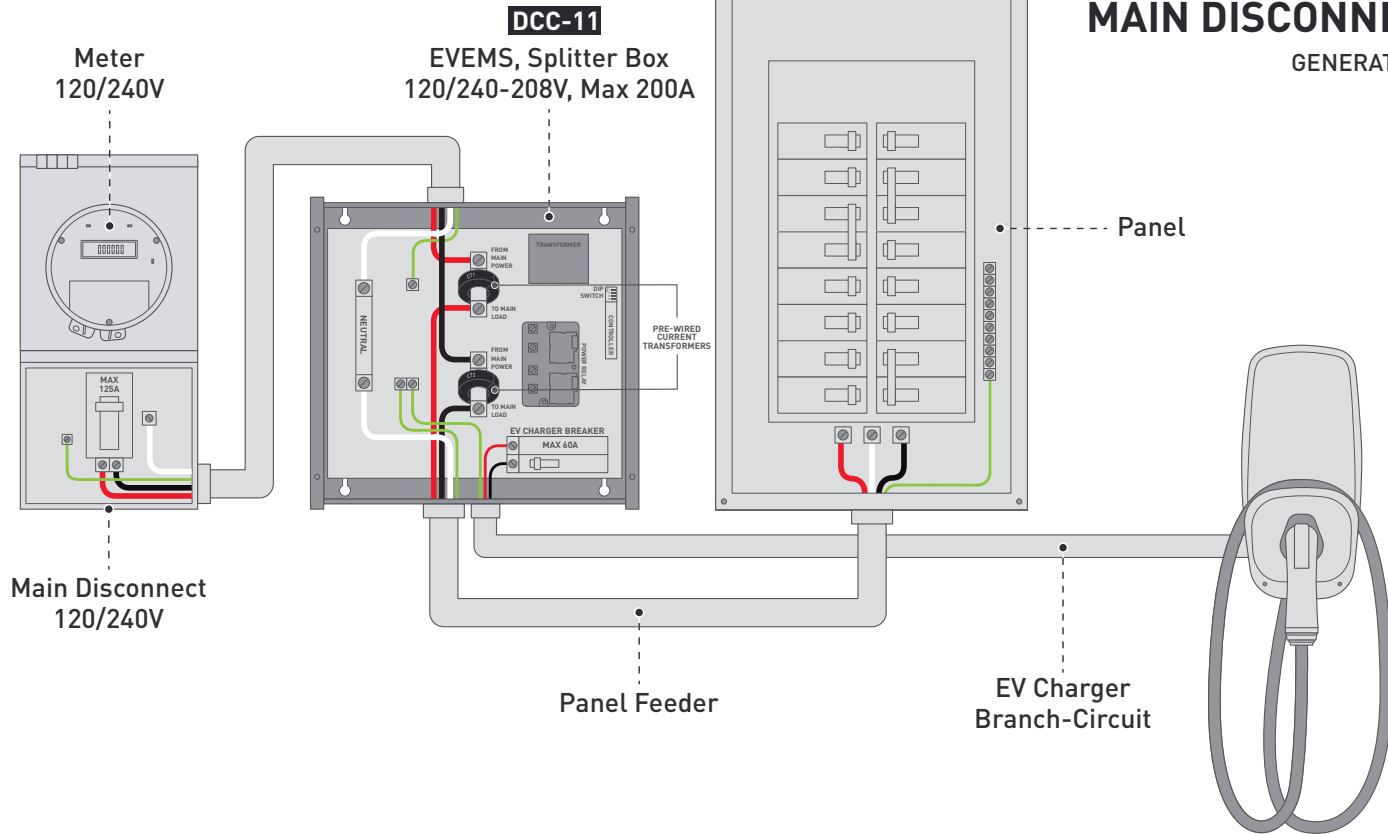
**Pre-wired Current**  
**Transformers (CT)**  
on L1 and L2

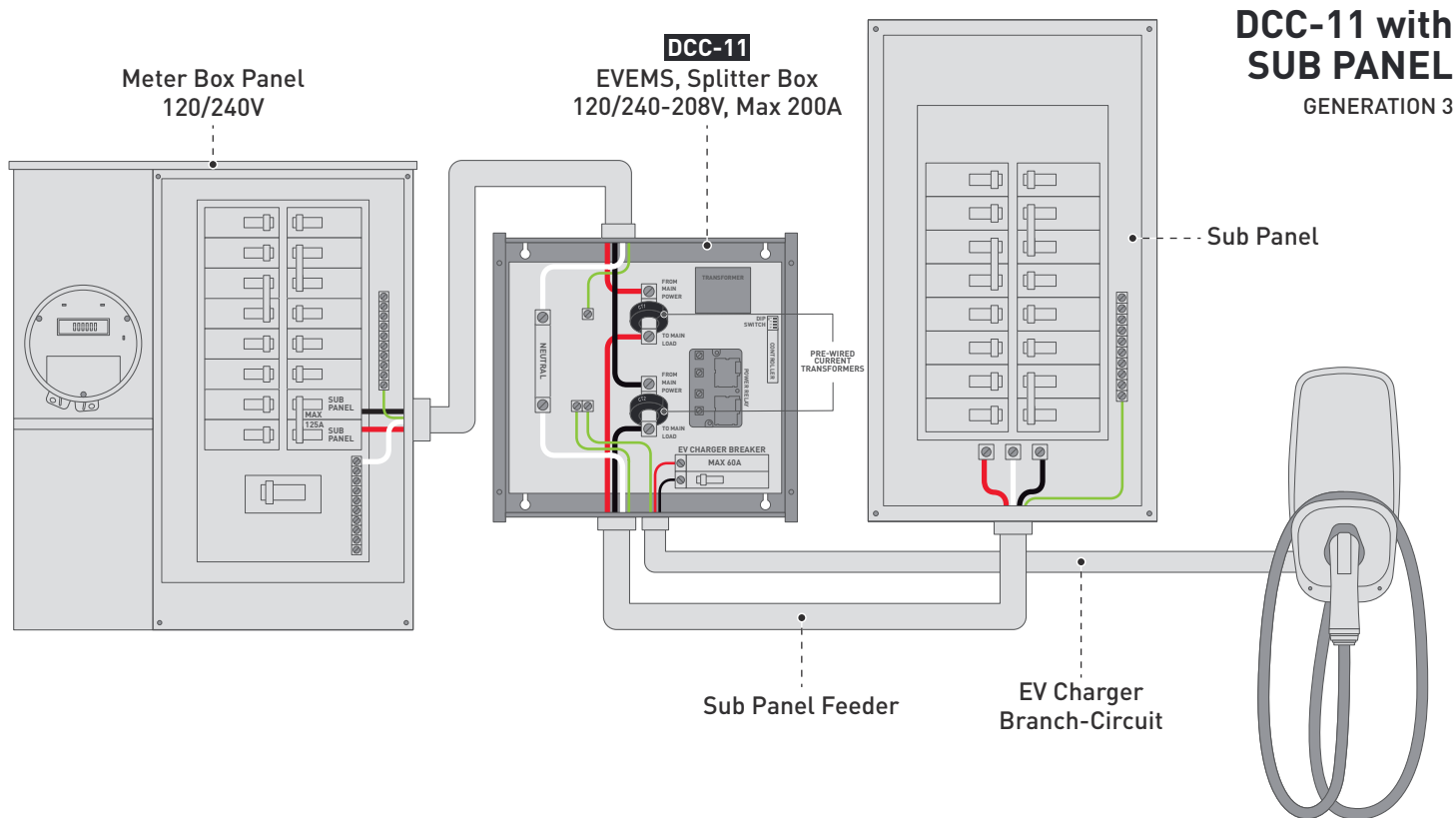
**EV Charger Breaker**  
(Max 60A)



# DCC-11 with MAIN DISCONNECT

GENERATION 3







# DCC-11 with METER STACK

GENERATION 3

