

TURNKEY SOLUTIONS FOR EV CHARGING IN MULTI-FAMILY HOUSING

TWO SOLUTIONS

are available to make your building 100% EV Ready:

1 CHARGE CONTROLLERS

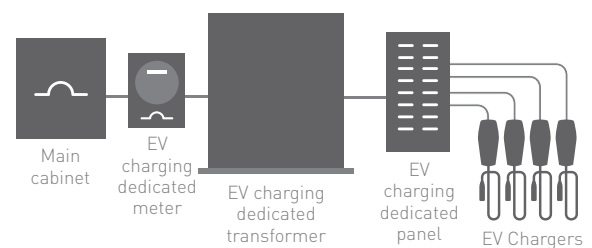
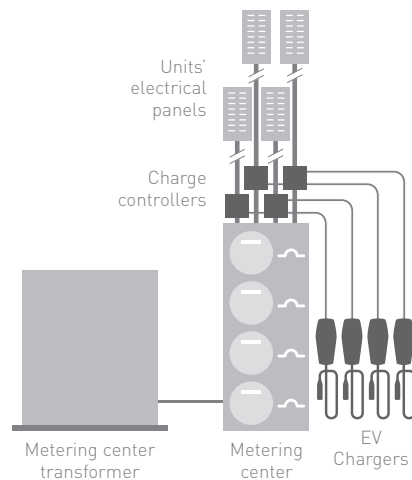
- Allows the connection of an EV Charger to the main feeder of every units.
- **No need to increase** the **electrical capacity** of the building.
- Automatic billing of electricity by the utility.

2 NEW INFRASTRUCTURES

- Allows the connection of EV Chargers to a separate metering center.
- Requires a third-party billing system.
- Initial investment varies widely depending on the additional infrastructures required and the electrical capacity increase.

LEGEND

- Existing components
- Additional components needed for EV charging



Contact us to know which solution would be the best for your current and future projects.

DCC Demand Charge Controller for Electric Vehicles

ENGLISH



DCC-9-BOX Splitter box

DCC-9-BOX, manufactured by Thermolec, is a splitter box specifically designed to make a building's electrical infrastructures fully ready for electric vehicles at the lowest possible price.

INCLUDED

- Splitter box (Max 125A)
- Compatibility: DCC-9-PCB-30A, DCC-9-PCB-40A, DCC-9-PCB-50A, DCC-9-PCB-60A

FEATURES

The DCC-9-BOX can be powered by a 240/208V AC single phase source, max 125A. The following options are offered by each DCC model:

Models	Main power supply					
	60A	70A	80A	90A	100A	125A
DCC-9-BOX	✓	✓	✓	✓	✓	✓
DCC-9-BOX-3R	✓	✓	✓	✓	✓	✓
Voltage and wiring	240/208V AC single phase: L1, L2, Neutral, Ground.					
Terminals size	up to 2/0 (CU/AL)					
	Dimensions* (H" x W" x D")		Total weight*			
	12" x 12" x 7.5"		11 lb (4,99 kg)			
NEMA 3R enclosure	14" x 13" x 8"		12 lb (5,44 kg)			

*Approximative and can change without notice. V1

DCC-9-PCB Electronic components

DCC-9-PCB is the electronic infrastructure that fits inside the DCC-9-BOX and allows the connection of an EV charger to the main feeder of a panel without affecting the load calculation.

FEATURE

- Components needed to connect and power an EV charger.

OPERATION

- Real-time readings of the total power consumption of a unit's 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 is less than 80% of main circuit breaker capacity for more than 15 minutes.

INCLUDED

- Electronic Components
- EV Charger Breaker (Max 60A)
- 2 pre-wired Current Transformers (CT)
- 2 power Cables

COMPATIBILITY

- DCC-9-BOX
- DCC-9-BOX-3R

Models	Breaker EV charger	Main power supply					
		60A	70A	80A	90A	100A	125A
DCC-9-PCB-30A	30A	✓	✓	✓	✓	✓	✓
DCC-9-PCB-40A	40A	✗	✗	✓	✓	✓	✓
DCC-9-PCB-50A	50A	✗	✗	✗	✗	✓	✓
DCC-9-PCB-60A	60A	✗	✗	✗	✗	✗	✓
Frequency	50 to 60 Hz						
Operation temperature	-22°F to 113°F [-30°C to 45°C]						
Total weight*	6 lb (2,72 kg)						

*Approximative and can change without notice. V1

