

# DCC-10

# Electric Vehicle Energy Management System

ENGLISH



PAT. NO. 10.485.539



| Models     | Breaker<br>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)

|                   | 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. V1

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

- Charge Controller
- EV Charger Breaker (Max 60A)
- 2 Split Core Current Transformers (CT)

### INSTALLATION EXAMPLES

