

# Electric Vehicle Supply Equipment

## Catalog No.

# T4350

## EVSE Test System Product Specifications



## CONFIGURATIONS

The T4350 is available in many different configurations to match the standards used around the world. The unit can only handle two different inlets. Configurations are available that address the following charging standards:

**CCSI AC:** AC charging up to 80A at 240VAC according to the SAE 1772 standard (North America)

**CCSI DC:** DC charging up to 650A for a short period, or 350A sustained at 1000VDC according to the

SAE 1772 standard (North America)

**Tesla AC:** AC charging up to 80A at 240VAC

**Tesla DC:** DC charging up to 650A for a short period, or 350A sustained at 1000VDC according to the SAE 3400 standard (North America)

## MEASUREMENT CAPABILITIES

### Voltage:

- AC – Three channels 60 VAC to 650 VAC isolated
- DC – One channel 60 VDC to 1000 VDC isolated



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Made  
in the  
USA

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### Current:

- AC – 3 channels 0.2A to 80 Amps fully isolated
- DC – One channel 20A to 650A (350A sustained) fully isolated

**Power:** Active Energy, Reactive Energy, Apparent Energy

## ACCURACY

TESCO's EVSE Test System tests the accuracy of energy delivery using a transactional mode compatible with Handbook 44 provisions.

The T4350 can be used with either a Programmable Load Box, or the MitM Cable.

**AC Voltage:**  $\pm 0.05\%$  of reading

**AC Current:**  $\pm 0.05\%$  of reading  $\pm 0.005$  Amp

**AC Phase:**  $\pm 0.01$  degrees

**AC W, WHrs:**  $\pm 0.08\%$  of reading  $\pm 0.002$  Wh

**DC Voltage:**  $\pm 0.05\%$  of reading

**DC Current:** (20A to 650A), 0.05% of reading  $\pm 0.01$  Amp

**W, WHrs:** (20A to 650A), 0.05% of reading  $\pm 0.01$  Wh

## PHYSICAL FEATURES

**Weight:** 44 lbs (configuration dependent)

**Front Panel:** Membrane

**Display:** 6" Super high contrast, 1000nit color display with bonded glass optical filter/protector

### Case:

- Pelican Storm iM2620 case, 21.2" x 16" x 10.6"
- Water resistant case with built-in wheels

### I/O:

- Ethernet
- 2X USB 2.0 Type A (peripherals such as keyboard, mouse, memory stick, barcode scanner)
- 1X USB 2.0 Type B (connection to PC)
- Pulse Pickup/Optical Communications/Pulse In/Pulse Out Connector DB9M

### Power:

- 99.6WHr Battery, no power from site needed even in load box mode
- Battery slips into system for easy replacement/swap out
- Greater than eight hours continuous operation on a single charge

**AUX Power:** 15VDC, Rapid charging using AC or 12V power

**GPS:** Integrated GPS locator

**Operating Temperature:**  $-4^{\circ}\text{F}$  to  $122^{\circ}\text{F}$   
( $-20^{\circ}\text{C}$  to  $50^{\circ}\text{C}$ )

**Storage Temperature:**  $-22^{\circ}\text{F}$  to  $140^{\circ}\text{F}$   
( $-30^{\circ}\text{C}$  to  $60^{\circ}\text{C}$ )