



# T4000 – Product Specifications

## T4000 – 4<sup>th</sup> generation EvseTester

### 1) General description

The T4000 is a complete system for testing Electrical Vehicle Charging Systems (EVSE). The basic system can be configured in various ways to meet the requirements of different markets both in the US and worldwide.

### 2) Configurations

The T4000 is available in many different configurations to match the standards used around the world. The unit can only handle 2 different inlets. Configurations are available that address the following charging standards:

CCS1 AC	AC charging up to 80A at 240VAC according to the SAE 1772 standard (North America)
CCS1 DC	DC charging up to 200A at 1000VDC according to the SAE 1772 standard (North America)
Tesla AC	AC charging up to 80A at 240VAC
Tesla DC	DC charging 200A at 1000VDC according to the SAE 3400 standard (North America)

### 3) Measurement Capabilities

Voltage	AC – 3 channels 60 VAC to 650 VAC isolated DC – One channel 60 VDC to 1000 VDC isolated
Current	AC – 3 channels 0.2A to 80 Amps fully isolated DC – One channel 20A to 200A fully isolated
Power	Active Energy, Reactive Energy, Apparent Energy

### 4) Accuracy

AC Voltage	±0.05% of reading
AC Current	±0.05% of reading ± 0.005 Amp
AC Phase	±0.01 degrees
AC W, WHrs	±0.08% of reading ± 0.002 Wh
DC Voltage	±0.05% of reading
DC Current	(20A to 200A), 0.05% of reading ± 0.01 Amp
W, WHrs	(20A to 2000A), 0.05% of reading ± 0.01 Wh



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## 5) Physical

Case	Pelican Storm iM2620 case, 21.2" x 16" x 10.6" Water resistant with built in wheels
Weight	44 lbs
Front Panel	Membrane
Display	7" Super high contrast, 1000nit color display with bonded glass optical filter/protector
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/swapout Greater than 8 hours continuous operation on a single charge
AUX Power	15VDC, Rapid charging using AC or 12V power
GPS	Integrated GPS locator
Operating Temp:	-4°F to 122°F (-20°C to 50°C)
Storage Temp:	-22°F to 140°F (-30°C to 60°C)



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