

FEATURES

- DISPLAY:** 7", 1024 x 600, high brightness, daylight readable LCD
- ETHERNET:** 100 BaseT with support for: Web Services, Remote Control, Database Access USB 2X USB Type A with support for: Device, External Memory Storage, WiFi, Keyboard, Mouse; 1X USB Type B connection to computer
- GPS:** Integrated GPS system provides location information for automatic determination of test site and database access
- GFCI:** Provision is provided to test the GFCI functionality of the EVSE (0-200ma)
- BATTERY:** 99.6WHr Li-ion removable battery
- PL INTERFACE:** Provides communications and power to any Programmable Load (PL Series)
- CP SIGNAL:** Frequency +/-1Hz, Duty Cycle +/-0.5%, Wave form amplitude +/-0.3%
- CASE:** Watertight, crushproof, and dustproof Pelican™ Storm Case™

UPGRADE FROM T4000

The T4350 is the latest in innovation in our EVSE family of products.

Its predecessor, the T4000, handles all AC level 2 chargers as well as lower power DC chargers. We also offer an upgrade path to turn your T4000 into a T4350 to handle all of your higher DC output needs.



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TESCO is the primary outside metering resource for all our electric utility customers. We have been the trusted source for metering since 1904. Our engineers have spent the last 20+ years working with utilities to address and solve their toughest equipment, system, testing and regulatory problems.

This focus is now on the EVSE charger testing sector. Over the past ten years, TESCO has been a leader in the EVSE charger testing field. Extensive testing and research has led to the current generation of EVSE charger testers.

The key to TESCO's outstanding testing accuracy is our in-house metrology laboratory. TESCO is ISO: 9001 2015 Certified and ISO 17025 Accredited. We are the lab that calibrates the calibration standards for other companies. The lab excels in DC traceability.



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ELECTRIC VEHICLE SUPPLY EQUIPMENT

Catalog No.
T4350
EVSE TEST SYSTEM



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INNOVATION

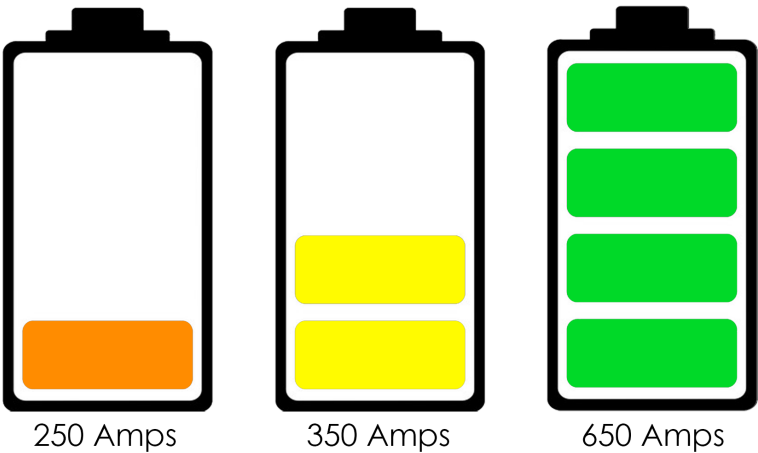
With the growing demand for electric vehicles, there needs to be a simple and accurate method to test EV charging systems.

Test the accuracy of AC and DC voltages and currents with TESCO's Electric Vehicle Service Equipment (EVSE) Test System T4350. The T4350 is a valuable instrument with complete testing capabilities and caters to every EVSE charging protocol in the world (AC and DC).

EV charging stations are popping up all over as the sale of electric vehicles increase. Many states or counties are now mandating testing for these charging stations. TESCO is here to fill the need. TESCO's T4350 simplifies the testing of these chargers.

FLEXIBLY, COMPREHENSIVE TESTING

The current DC supercharging rate is **250 Amps**. The T4350 can handle up to **350 Amps** sustained. It can also handle up to **650 Amps** for up to 5 minutes.



This technology has been created to help you not only with your present testing needs, but also with your future testing needs. At Tesco, we are always looking towards the future!

FUNCTIONALITY

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.

- The T4350 supports:
- DC Fast Charge systems up to 350A sustained at 1000V DC.
 - AC Level 1 and Level 2 systems up to 80 amps maximum current
 - The Programmable Load Box offers complete freedom and test automation.
 - Any J1772 compatible EV can also be used as the test load by using an optional cable.

The Proximity and Pilot Control signal exchanges are fully verified for compliance with protocol requirements.

All information for sites, equipment, test procedures and test results are stored in an internal database.

SPECIFICATIONS

- AC:**
240V * 80A -> ~19.2kW
208V * 80A -> ~16.6kW
- DC:**
1000V * 350A -> ~350kW sustained up to 650A for 5 minutes
- OPERATING TEMPERATURE:**
-30°F to 122°F (-20°C to 50°C)
- DIMENSIONS:**
21.2" x 16" x 10.6" (53.8 x 40.6 x 26.9 cm)
- WEIGHT:**
Approx. 45 lbs. (configuration dependent)

ACCESSORIES

Man-in-the-Middle Cable (MM)
The **Man-in-the-Middle Cable (Catalog No. MM)** was created to work with the T4000 and T4350 to enable a technician to use an electric vehicle rather than a very large load emulator to absorb the energy delivered by the DC fast charger during charger testing. It currently comes in 350 Amp CCSI and 200 Amp Tesla/NACS models, each with charging connector holders and digital temperature sensors.



With the growing demand for electric vehicles, the T4350 is leading the

CHARGE

in the EVSE industry!