

Electric Vehicle Supply Equipment

Catalog No.

PL4000

EVSE Test System Product Specifications



The PL4000 is an AC programmable load box that can test AC EV chargers up to 14kW. The unit is used with a T4000 or T4350. The load box works with single-phase AC charger (CCS1 / J1772 and NACS).

SPECIFICATIONS

Charger Capabilities:

- 29 Amps at 120V chargers (~3.5kW)
- 50 Amps at 208V chargers (~10.5kW)
- 58 Amps at 240V chargers (~14kW)

Auto-Interface: The T4000 / T4350 automatically

detects the load box when it is plugged in. The user does not need to select the load box type in EVSE Tester UI.

Auto Cool-off: When the PL4000 completes a test it will use the EVSE Tester battery to spin the fans slowly and cool off.

Temperature, Humidity and Fan Speed Sensors:

- The unit has built in sensors for ambient temperature, exhaust temperature, humidity, and fan speed.
- If a sensor or fan is malfunctioned, the unit will cease testing



TESCO METERING

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Breakers: The unit has AC breakers and DC breaks (if used in special cases with DC chargers)

PHYSICAL FEATURES

Size: 15"L x 15"W x 12"H

Weight: 44 lbs

Cabling:

- Conduit with Staubli termination (7ft) to be used with a T4000 or T4350
 1. L1, L2 and PE
 2. VBatt, digital GND, and Comms

LEDs:

- Green LED to indicate power
- Yellow / Amber LED to indicate Comms with T4000 / T4350
- Red LED to indicate unit is running and dissipating power

Operating Temperature: -4°F to 122°F
(-20°C to 50°C)

Storage Temperature: -22°F to 140°F
(-30°C to 60°C)