

# TSM2500 and Charge Controller

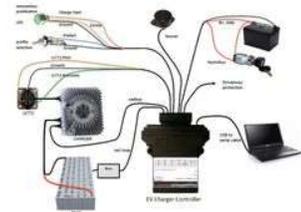
**\$750.00**

**\$415.00 without charge controller**

**Add Car Kit (shown):**

Nominal Output Voltage:

- 48V
- 72V
- 96V
- 144V
- 312V (add \$100 cost)



The system can be pre-configured at the factory

A **CAN** controlled Charger that has **user adjustable** settings with the **included** Thunderstruck EVCC (EV charge controller). This way if you change your battery pack configuration you don't need to buy a new charger or pay someone to reprogram it for you.

The EVCC integrates charger CANBUS control and J1772 functionality in a simple to use, cost effective, and environmentally robust enclosure. Charge parameters such as maximum voltage, maximum current, and total charge time are configured, saved in nonvolatile memory, and used when charging to control a CAN enabled charger.

- -Amazing power for it's size! 11" x 9" footprint and 11 pounds. Max output depends on model (see chart). Works with either 110 or 220V input. Waterproof to IP66 standards. Need more power? These can be put these in parallel for **quicker charging!**
- -Charger output for lithium is adjustable for Current, Max Voltage, max charging time, and termination current . Additionally a profile for lead-acid can be enabled which adds a 3-stage charge curve specific for that chemistry.
- -CAN controlled is the new standard for component to component communication. Configuration is performed by a PC running a terminal emulation program over a USB port. These settings are stored in EVCC eeprom. Compatible with Windows 10, XP, 7, Vista, Mac OS 10.7 or newer, and Android tablets version 3.2 or newer. EVCC comes with 4' cable lengths.
- -Charger also has a BMS integration feature by open or closed input loop, replacing a head board.
- -Low Current feature (user adjustable) for lower power outlets while charging on the road.
- -We will happily pre-program the charger for you upon request to make your project move along quickly and simply.

**Optional Car Kit** Includes [EVSE](#) and J1772 port with 5' cable for more universal charging.