

## TES 60 Series *SmartCharge*

We designed the perfect electric vehicle charging station suitable for commercial applications such as multifamily, office, hotel, retail, fleet, municipality and urban garages. Its compact form factor, ease of installation and comprehensive online management system make it the best choice for charging electric vehicles.



- The Station communicates with the software and produces real-time data through wireless technology
- Interactive LED lights quickly identify the station status
- Back lit LCD Screen is easy to read for costs and station status
- Rugged Aluminum Enclosure prevents damage from nature and the elements
- Open or closed access available for EV Drivers with smart card authentication
- Find stations and pay for charging with the most widely used app, PlugShare
- Charge all new EV or plug-in hybrid EV's including Tesla with the J1772™ Plug
- Optional Cable Management System keeps your cables clean and organized
- ENERGY STAR Certified
- Multiple mounting options include single pedestal, double pedestal, & wall mount

### **The Network is what makes it a SmartCharge**

- Instant Updates & Notifications
- Secure Log-in
- Charging Status
- Smart Card Authentication
- Charging Station Locator
- Smart Phone Application
- Toll-Free Customer Support
- Online Bill Pay
- Sustainability Reports





# TERRA

ENERGY SERVICES BY **ACDI**

## Power Specs

|                               |  |
|-------------------------------|--|
| AC Power Source               | 208/240V, center grounded, 60Hz supply |
| Power to Electric Vehicle     | 30A maximum, 7.2kW@240VAC              |
| Branch Circuit Protector      | 2-pole, common trip, 40AMP             |
| Vehicle-to-Charger Connection | SAE J1772™ EV Connector via 18ft Cable |
| Energy Metering Accuracy      | 1% at 5min intervals; 0.5% capable     |
| Standby Power                 | 5 mA typical                           |

## Safety Specs

|                                |   |
|--------------------------------|---|
| Personal Protection System     | Charging Circuit Interrupting Device (CCID) |
|                                | Trip Threshold 5mA, CCID 5 per UL2231-2,    |
|                                | Auto reset with 15min delay                 |
| Automotive Unplug Detection    | Charger output voltage terminated           |
| Codes and Standards Compliance | UL 2231-1, 2231-2 and UL2594 compliant,     |
|                                | NEC Article 625 compliant                   |

## Network Specs

|                   |  |
|-------------------|--|
| Wide Area Network | Commercial CDMA or GPRS cellular network       |
| Network Security  | 128-bit AES Encryption                         |
| Smart Card Reader | ISO 15693 (iCLASS), ISO14443 (MIFARE, DESFIRE) |

## Charger Status Displays

|            |  |
|------------|--|
| LED Array  | 270° visibility, multi-color visual status indicator |
| LCD Screen | 2 lines, 16 characters per line, back lit            |

## Environmental Specs

|                       |                                     |
|-----------------------|-------------------------------------|
| Outdoor Rated         | NEMA 3R                             |
| Operating Humidity    | Up to 95% non-condensing            |
| Operating Temperature | -22 °F to 122 °F (-30 °C to +50 °C) |

## Other Specs

|                              |                                 |
|------------------------------|---------------------------------|
| Surge Protection             | 6kV@ 3,000A per UL 2231-2       |
| EMI Compliance               | FCC Part 15 Class A, IC RSS-210 |
| Dimensions                   | 11" H x 7.5" W x 7.5" D         |
| Approximate Shipping Weights | Head unit and cable: 35 lbs.    |
|                              | Base pedestal: 22lbs.           |
|                              | Wall mount bracket: 8lbs.       |
| Dimensions                   | 18in high x 6in wide x 6in deep |

For more information on Terra Energy Services please visit [energyoptions.pro](http://energyoptions.pro)