

TES 70 Series *SmartCharge*

The TES 70 Series Smart Charge is a smart charging station that makes it easy to charge your EV fleets and make sure they are ready to go. Smart charging for your fleets ensures you have all the Information you need. Including built-in alerts and a smart dashboard to visualize detailed reports on electricity used, carbon offset fuel savings and more.



Fleet management capability enables fleet managers to:

- Easily configure custom fleet programs by individual vehicle and major vehicle type or both
- Track departure, return times, and energy delivered to each vehicle, and monitor charging fees for any of your public chargers.
- Schedule both start and stop of charging sessions to take advantage of off-peak and partial peak electricity rates.
- Receive alerts to notify exceptions in return times, energy delivered and departure times to maximize the daily success of the entire fleet. Generate a robust set of reports and analytics.
- Optional cable management system

Features

- Sleek, elegant design
- Compact form factor
- Commercial-grade aluminum body
- "At-a-Glance" LED status
- Rugged outdoor-rated enclosure
- Full warranty replacement policy available
- Easy to install and service

Smart Features

- Fleet vehicle management
- Fleet access control
- Fleet manager portal
- Late plug-in/plug-out alerts
- Schedule start time
- Session data and analytics
- State of health monitoring





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ENERGY SERVICES BY **ACDI**



Power Specs

| | |
|--|--|
| AC Power Output, maximum (per port) | Level II: 7.2kW (240VAC@30A) |
| AC Power Input (per port) | Level II: 30A; Line 1, Line 2 and Earth (no neutral) |
| Ports Per Charging Station | Two |
| Vehicle to Charger Connection (per port) | SAE J1772 EV Connector, 18ft Cable |
| Energy Metering Accuracy | 1% at 15 min interval (standard), 0.5% optional |
| Standby Power | 6.5W typical |
| Service Panel Breaker (per port) | Dual-pole trip 40A breaker, dedicated circuit |

Safety Specs

| | |
|--|---|
| Safety, Ground Fault Circuit Interrupt | 20mA CCID with auto retry (every 15 seconds) |
| Automatic Plug-Out Detection | Pwr terminated per SAE J1772 spec: SMS/email |
| General Safety Compliance | UL 2231-1, 2231-2, UL2594 and NEC Article 625 |

Network Specs

| | |
|--------------------------------|-------------------------------|
| Data Communication Cellular | Cellular 4G LTE |
| Network Communication Protocol | TCP/IP |
| Network Security | HTTPS; 128-bit AES Encryption |

Communication Device Specs

| | |
|------------|---|
| LED Array | High visibility, multi-color visual status indication |
| LCD Screen | 4 line, 16 characters per line |

Environmental Specs

| | |
|-----------------------|----------------------------|
| Outdoor Rated | NEMA 3R per NEMA250-1997 |
| Operating Humidity | Up to 95% non-condensing |
| Operating Temperature | -30degC to +50degC ambient |

Other Specs

| | |
|------------------------------|---------------------------------|
| Surge Protection | 6kV@3,000A |
| EMI Compliance | FCC Part 15 Class A |
| Dimensions | 18in high x 7in wide x 7in deep |
| Approximate Shipping Weights | Head Unit & Cable - 28 lbs. |
| | Pedestal Mount - 11 lbs. |
| | Wall Mount - 10 lbs. |

For more information on Terra Energy Services and our products, please call 800.990.2234 or visit terraenergyservice.com

