

TES 70+ Series *SmartCharge*

Our most powerful Level 2 charger, 19.2kW (80A), and has all the same features of the TES 70 Series. It features a sleek, elegant design, a slim footprint, and rugged aluminum casing. The TES 70+ Series is the most powerful Level 2 fleet charging solution on the market and is a cost-effective solution for EV fleets and commercial properties that want to maximize power while minimizing costs.



By adding fleet management capabilities through network software, the Series 70+ enables fleet managers to:

- Configure a custom fleet program by individual vehicle and major vehicle type or both
- Track departure, return times, and energy delivered to each vehicle
- 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, departure times, and energy delivered
- Generate a robust set of reports and analytics

Features

- High Powered Level 2-19.2kw
- Sleek, elegant design
- Compact form factor
- Commercial-grade aluminum body
- "At-a-Glance" LED status
- Rugged outdoor-rated enclosure
- Full warranty replacement policy available

Smart Features

- Fleet vehicle management
- Create access policies for public, private, or multi-group
- Fleet manager portal
- Late plug-in/plug-out alerts
- Session data and analytics
- State of health monitors
- Load management ready
- Optional cable management system





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ENERGY SERVICES BY **ACDI**

Power Specs

| | |
|--|--|
| AC Power Output, maximum (per port) | Level II: 19.2kW (240VAC@80A) |
| AC Power Input (per port) | Level II: 80A; 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 100A 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

