

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. Designed for commercial applications – workplace, multifamily, hospitality, and the public sector. 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: 11.52 kW (240VAC@48A) or 9.984kW (208VAC@48A)
AC Power Input (per port)	Level II: 48A; 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 (per port)	3.46 W Typical
Service Panel Breaker (per port)	Dual-pole trip 60A 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	-30°C to 50°C ambient

Other Specs

Surge Protection	6kV@3,000A
EMI Compliance	FCC Part 15 Class A
Dimensions	20.5" H x 7.4" W x 7.4" D
Approximate Shipping Weights	Device: 21 lbs.
	Pedestal mount: 12.5 lbs.
	Wall mount bracket: 11.5 lbs.

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

