



# Energy Options

Power Generation, Storage, and EV Charging

## 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



### 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 Energy Options services and products, please call 605-656-6051 or visit [energyoptions.pro](http://energyoptions.pro)

