



TERRA

ENERGY SERVICES BY ACDI



Energy Options

EV Charging, Electrical Generation, and Storage



DCFC

TES 60 Series *FastCharge*

CABLE MANAGEMENT



Features

- Available in 500VDC and 1000VDC
- Powerful Compact All-In-One Charger
- Simple Air-Cooled Power Modules
- Easy to Maintain
- User authentication
- Parallel Charging Feature
- OCPP 1.6
- Credit Card Reader
- Built-in Cable Management
- Customization available

Use Case

- Highway gas/service station
- Parking garage
- Commercial fleet operators
- EV infrastructure operators and service providers
- EV dealer workshops





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ENERGY SERVICES BY **ACDI**



Product Specifications

Product Number	TES-TEL60DC-2
Input	480VAC (3P+N+PE) 60Hz
Output Voltage	150-500VDC
Output current	0 to 150A
FLA Breaker Rating	80A 100A
Connectors	CCS1 CCS1 and CCS1 CCS1 and CHAdeMO
Cyclic Charge Mode	CCS1 - 150A CHAdeMO - 125A
Parallel Charge Mode (Optional)	30 kW per Port
Efficiency	≥94% at nominal output power
Power factor	> 0.98
Display	10" touch screen
Access Control	RFID : ISO/IEC 14443A/B Credit Card Reader (Optional)
Metering	DC kWh meter per each connector
Operating temperature	-22°F to 131°F (-30°C to 55°C)
Altitude	6500' (2000m)
Working Storage Humidity	≤ 95% RH ≤ 99% RH (Non-condensing)
Dimensions (L x D x H)	29" x 19" x 72"
Protective Class	NEMA 3S (IP54), IK10
Cooling system	Air cooling fans
Weight	530 lbs (240kgs)
Compliance	UL and CE Certified
DC Charge System	Mode 4 - IEC-61851, ISO-15118, DIN 70121 Mode 4 - CHAdeMO 0.9, 1.0
Charging cable	16ft (5m), Cable Retractor Included
Communication Protocol	Ethernet, 4G/WiFi OCPP 1.6J
Electrical Safety: GFCI	RCD 20 mA Type A
Electrical Safety: Surge Protection	20 kA
Electrical Safety General	Over Voltage, Under Voltage, Over Current, Missing Ground
Electrical Safety: Output Short	Output power disabled when output is short circuited
Electrical Safety Temperature	Temperature Sensors @ Charge Coupler and Power Electronics
Emergency Stop	Emergency Stop Button Disables Output Power
Regulatory Compliance	UL-2202 EMC: EN 61000-6-1:2007, EN 61000-6-3:2007/A1:2011/AC:2012

For more information on services and products, please call
605.656.6051 or visit enrgyoptions.pro

