



TELLUS POWER GREEN DC FAST CHARGER

160 kW Series

FEATURES

- Single / Dual and Triple Connectors
- Parallel Charging
- All-One-Format - Easy to Install
- RFID Reader
- Optional Credit Card Reader
- OCPP 1.6J Compliant
- FRU Onboard Diagnostics
- Easy to Service
- Option for Liquid Cool Connectors
- CE Certified



Tellus Power Green DC Fast Charger Specifications



Product Number	TP4-160-400
Input Voltage	400VAC / 480V (3P + N + PE)
Frequency	50/60 Hz
Output Voltage	150–750 VDC
Output Current	0 – 250A
Power Factor	>0.98
Efficiency	>94% at nominal output power
Connectors	CCS2, GB/T, CHAdeMO *Dual or Triple Connector Option Available
Cyclic Charge Mode	CCS2 - 200 A CHAdeMO – 125 A GB/T – 250A
Parallel Charge Mode (Optional)	80 kW per Port
Charging Protocol Standards	Mode 4 - IEC-61851, ISO-15118, DIN 70121 Mode 4 - CHAdeMO 0.9, 1.0 Mode 4 - GB/T 18487 2015, GB/T 20234 2015, GB/T 27930 2015
Connector cable length	5m
Weight	430 kg
Dimensions (L x D x H)	29" x 22" x 72"
Insulation (input – output)	>2.5 kV
Ingress Protection	IP 54 IK10
Operating Temperature	-30°C to 55°C
Altitude	< 2000m
Working Storage Humidity	≤ 95% RH ≤ 99% RH (Non-condensing)
Display	7" touch screen
Communication Protocol	OCPP 1.6J
Access Control	RFID: ISO/IEC 14443A/B Credit Card Optional
Power Electronics Cooling	Air Cooled
Communication	Ethernet – Standard 4G/Wi-Fi (Optional)
Electrical Safety: GFCI	RCD 30 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	Disables output power with emergency stop button
Regulatory Compliance	CE EMC: EN 61000-6-1:2007, EN 61000-6-3:2007/A1:2011/AC:2012

*Triple DC Connector (CCS, CHAdeMO and GBT) option available.

