



TELLUS POWER GREEN DC FAST CHARGER

200 kW

FEATURES

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



Tellus Power Green DC Fast Charger Specifications



Product Number	TP4-200-400
Maximum Power	200 kW
Input Voltage Frequency	400VAC 480VAC (3P + N + PE) 50/60 Hz
Input Current Breaker Rating	0 to 300A
Output Voltage	150 – 750 VDC
Max Output Current	Up to 300A (200A 250 ^a Limited by Connector)
Power Factor	>0.98
Efficiency	>94% at nominal output power
Connector Options	Dual GB/T Dual CCS
Cyclic Charge Mode	CCS – 200A GB/T – 250A
Cycle Mode	500A
Parallel Mode (Optional)	100 kW per port
Charging Protocol Standards	Mode 4 - IEC-61851, ISO-15118, DIN 70121 Mode 4 - GB/T 18487 2015, GB/T 20234 2015, GB/T 27930 2015
Connector cable length	5 m
Weight	430 kg
Dimensions (L x D x H)	760 mm x 673 mm x 1800mm
Insulation (input – output)	>2.5 kV
Ingress Protection	IP 54 IK10
Operating Temperature	-22°F to 131°F (-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
Regulatory Compliance	CE EMC: EN 61000-6-1:2007, EN 61000-6-3:2007/A1:2011/AC:2012
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