



# TELLUS POWER GREEN DC FAST CHARGER 180kW Series

## FEATURES

- DCFC and HPC System with 1000VDC
- Powerful Compact All-In-One Charger
- Simple Air-Cooled Power Modules
- Easy to Maintain
- Parallel Charging Feature
- Liquid Cooled Cables
- OCPP 1.6
- Credit Card Reader



## Tellus Power Green DC Fast Charger Specifications



Product Number	TP5-180-480	HPC-180-480
Maximum Power	180 kW	
Output Voltage	150 – 1000 VDC	
Max Output Current	Up to 200A	Up to 500A
Input Voltage    Frequency	480V (3P + N + PE)    60 Hz	
Input Current    Breaker Rating	240A    300A	
Power Factor	>0.98	
Efficiency	>94% at nominal output power	
Connector Options	CCS1 and CCS1 CCS1 and CHAdeMO	CCS1 CCS1 and CCS1 CCS1 and CHAdeMO
CCS Cable	200A	500A Liquid Cooled
CHAdeMO Cable	125A (Standard) Or 200A	
Cycle Mode	1 x 180kW (Max: 200A)	1 x 180kW (Max: 450A)
Parallel Mode	2 x 90kW (Max: 200A)	2 x 90kW (Max: 250A)
Charging Protocol Standards	Mode 4, IEC-61851, ISO-15118, DIN 70121    Mode 4, CHAdeMO 0.9, 1.0	
Connector cable length	CCS - 13 ft (4 m)   CHAdeMO – 16ft (5 m)	
Weight	880 lbs (400 kg)	950 lbs (430 kg)
Dimensions (L x D x H)	29.5" x 26.5" x 73"	
Insulation (input – output)	>2.5 kV	
Ingress Protection	NEMA 3S, IK10	
Altitude	<6,600ft (2,000m)	
Operating temperature	-30°C to 55°C (-22°F to 131°F )	
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	UL-2202    EMC: EN 61000-6-1:2007, EN 61000-6-3:2007/A1:2011/AC:2012	
Communication	Ethernet - 4G/Wi-Fi	
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	Disables output power with emergency stop button	