



**TELLUS POWER GREEN**

# TELLUS POWER GREEN DC FAST CHARGER 300kW Series

## FEATURES

- 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
- Cord Management



## Tellus Power Green DC Fast Charger Specifications



<b>Product Number</b>	<b>HPC-300-480</b>
Maximum Power	300 kW
Output Voltage	150 – 1000 VDC
Max Output Current	Up to 500A
Input Voltage    Frequency	480V (3P + N + PE)    60 Hz
Input Current    Breaker Rating	400A    450A
Power Factor	>0.98
Efficiency	>94% at nominal output power
Connector Options	CCS1 and CCS1 CCS1 and CHAdeMO
CCS Cable	500A Liquid Cooled
CHAdeMO Cable	125A (Standard) Or 200A
Cycle Mode	1 x 300kW (Max: 500A)
Parallel Mode	2 x 150kW (Max: 350A)
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) Cable Retractor Included
Weight	881 lbs (400 kg)
Dimensions (L x D x H)	41" x 35.5" x 90"
Insulation (input – output)	>2.5 kV
Ingress Protection	NEMA 3S (IP54), 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	10" touch screen
Communication    Protocol	Ethernet, 4G/WiFi    OCPP 1.6J
Access Control	RFID : ISO/IEC 14443A/B   Credit Card Reader (Optional)
Metering	DC kWh meter per each connector
Power Electronics Cooling	Air Cooled
Regulatory Compliance	UL-2202    EMC: EN 61000-6-1:2007, EN 61000-6-3:2007/A1:2011/AC:2012
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