



TELLUS POWER GREEN

TELLUS POWER GREEN DC FAST CHARGER 300kW Charging Station

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 & 2.0.1
- Credit Card Reader

Model : TP-EVPD-300kW



Tellus Power Green DC Fast Charger Specifications



Product #	HPC-300-480
Model #	TP-EVPD-300kW
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 NACS NACS and NACS 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-15118-2, ISO-15118-20 (hardware ready), DIN 70121 Mode 4, CHAdeMO 0.9, 1.0
Connector cable length	CCS / NACS - 13 ft (4 m) CHAdeMO – 16ft (5 m)
Weight	1765 lbs (800 kg)
Dimensions (L x D x H)	41" x 37.4" 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 1.6 & 2.0.1
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