



EVMAX TELLUS POWER GREEN DC FAST CHARGER

120kW Charging Stations

FEATURES

- Powerful Compact All-In-One DC Charger
- Simple Air-Cooled Power Modules
- Easy to Maintain
- Parallel Charging Feature
- Output Voltage of 1000VDC
- OCPP 1.6J
- Credit Card Reader
- Cord Management

Model : TP-EVPD-120kW





Tellus Power Green DC Fast Charger Specifications



Product #	TP5-120-480-H#
Model #	TP-EVPD-120kW
Maximum Power	120 kW
Output Voltage	150 – 1000 VDC
Max Output Current	Up to 300A
Input	480V (3P + N + PE) 60 Hz
Input Current Breaker Rating	160A 200A
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 / NACS Cable	CCS1/NACS - 300A
CHAdeMO Cable	125A
Charging Protocol Standards	Mode 4, IEC61851, ISO15118, DIN 70121 Mode 4, CHAdeMO 0.9, 1.0
Connector cable length	16ft (5m), Cable Retractor Included
Weight	793 lbs (360kg)
Dimensions (L x D x H)	29" x 26.5" x 72"
Insulation (input-output) System	>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 (Noncondensing)
Display	10" touch screen
Communication Protocol	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	UL2202 EMC: EN 6100061:2007, EN 6100063:2007/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