



TELLUS POWER GREEN DC FAST CHARGER

160 kW Charging Station



**Model :
TP-EVPD-160kW**

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



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**Model :
TP-EVPD-160kW**

Product Number	TP5-160-480-1	TP5-160-480-2
Model #	TP-EVPD-160kW	
Input Voltage	480V (3P + N + PE), 60Hz	
Output Voltage	150-1000 VDC	
Max Output Current	200A	
FLA Breaker Rating	215A 300A	
Power Factor	>0.98	
Efficiency	>94% at nominal output power	
Connectors	Dual CCS1	CCS1 and CHAdeMO
Cable Rating	200A (CCS1) & 125A (CHAdeMO)	
Charging Protocol Standards	Mode 4, IEC-61851, ISO-15118, DIN 70121 Mode 4, CHAdeMO 0.9, 1.0	
Connector cable length	16ft (5m)	
Cable Management	Included	
Weight	880 lbs (400 kg)	
Dimensions (L x D x H)	29.5" x 26.5" x 73"	
Insulation (input – output)	>2.5 kV	
Ingress Protection	NEMA 3S (IP54), IK10	
Operating Temperature	-22°F to 131°F (-30°C to 55°C)	
Altitude	< 6600ft (2000m)	
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	
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	
Regulatory Compliance	UL-2202 CSA C22.2#107.1:2016 EMC: EN 61000-6-1:2007, EN 61000-6-3:2007/A1:2011/AC:2012	