



TELLUS POWER GREEN

TELLUS POWER GREEN DC FAST CHARGER 180kW Charging Station

FEATURES

- DCFC 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

Model : TP-EVPD-180kW



Tellus Power Green DC Fast Charger Specifications



Product Number	TP5-180-480
Model #	TP-EVPD-180kW
Input Voltage	480V (3P + N + PE), 60Hz
Output Voltage	150–1000 VDC
FLA Breaker Rating	240A 300A
Power Factor	>0.98
Efficiency	>94% at nominal output power
Connector Options	CCS1 & CCS1 CCS1 & NACS NACS & NACS CCS1 & CHAdeMO
CHAdeMO Cable	125A (Standard) Or 200A
CCS / NACS Cable	350A / 300A
Charging Protocol Standards	IEC-61851, ISO-15118, DIN 70121, ISO-15118-3, ISO-15118-2 (Hardware Compatible) ; Mode 4, CHAdeMO 0.9, 1.0
Connector cable length	CCS – 16ft (5m) NACS – 16 ft (5m) CHAdeMO – 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 & OCPP 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
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 EMC: EN 61000-6-1:2007, EN 61000-6-3:2007/A1:2011/AC:2012

