



TELLUS POWER GREEN

# TELLUS POWER GREEN DC FAST CHARGER

## 120 kW Charging Station

### FEATURES

- Powerful Compact All-In-One DC Charger
- Simple Air-Cooled Power Modules
- Easy to Maintain
- Parallel Charging Feature
- Available in 750VDC and 1000VDC
- OCPP 1.6J
- Credit Card Reader
- Cord Management



## Tellus Power Green DC Fast Charger Specifications



Product Number	TP4-120-480	TP5-120-480
Input	480VAC (3P+N+PE), 60Hz	
Output Voltage	150-750VDC	150-1000VDC
Output current	0 to 200A	
FLA    Breaker Rating	160A    200A	
Connectors	CCS1 CCS1 and CCS1 CCS1 and CHAdeMO	
Cyclic Charge Mode	CCS1 - 200 A    CHAdeMO – 125 A	
Parallel Charge Mode (Optional)	60 kW per Port	
Efficiency	≥94% at nominal output power	
Power factor	> 0.98	
Operating Temperature	-22°F to 131°F (-30°C to 55°C )	
Altitude	< 6600' (2000m)	
Working    Storage Humidity	≤ 95% RH    ≤ 99% RH (Non-condensing)	
Weight	840 lbs (380kg)	
Display	10" touch screen	
Access Control	RFID : ISO/IEC 14443A/B   Credit Card Reader (Optional)	
Dimensions (L x D x H)	29" x 26.5" x 72"	
Protective Class	NEMA 3S (IP54), IK10	
Power Electronics Cooling	Air Cooling	
Charing Protocol Standards	Mode 4 - IEC-61851, ISO-15118, DIN 70121 Mode 4 - CHAdeMO 0.9, 1.0	
Metering	DC kWh meter per each connector	
Charging cable	16ft (5m), Cable Retractor Included	
Communication    Protocol	Ethernet, 4G/WiFi    OCPP 1.6J	
Insulation (input-output)	>2.5 kV	
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	Emergency Stop Button Disables Output Power	
Regulatory Compliance	UL-2202    EMC: EN 61000-6-1:2007, EN 61000-6-3:2007/A1:2011/AC:2012	

