



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
- Output Voltage of 1000VDC
- OCPP 1.6J
- Credit Card Reader
- Cord Management

Model : TP-EVPD-120kW



## Tellus Power Green DC Fast Charger Specifications



<b>Product #</b>	<b>TP5-120-480</b>
Model #	TP-EVPD-120
Input	480VAC (3P+N+PE), 60Hz
Output Voltage	150-1000VDC
Output Current	0 to 300A
FLA    Breaker Rating	160A    200A
Connectors	CCS1 and CCS1 CCS1 and NACS NACS and NACS CCS1 and CHAdeMO
Cyclic Charge Mode	CCS1/NACS - 300A    CHAdeMO – 125A
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	793 lbs (360kg)
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

