



## DATA SHEET

# Tellus Power 120 kW DC fast charger

[usa.siemens.com/emobility](https://usa.siemens.com/emobility)

### 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

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Tellus Power Green DC fast charger provided by Siemens.



## 120 kW DC Fast Charging Station

Product Number	US2:TP51204802
Input	480VAC (3P+N+PE), 60Hz
Output Voltage	150-1000VDC
Output Current	0 to 200A
Cycle Mode	1 x 120 kW
Parallel Mode	2 x 60 kW
FLA II Breaker Rating	160A II 200A
Connectors	CCSI and CCSII
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 II Storage Humidity	≤ 5 95% RH II ≤ 5 99% RH (Non-condensing)
Weight	793 lbs (360kg)
Display	10" touch screen
Access Control	RFID: ISO/IEC 14443A/B I 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 70721 Mode 4 - CHAdeMO 0.9, 7.0
Metering	DC kWh meter per each connector
Charging cable	16ft (5m). Cable Retractor Included
Communication II Protocol	Ethernet, 4G/WiFi II OCPP I.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 II EMC: EN 61000-6-7:2007, EN 61000-6-3:2007/II:2077/AC:2072

### Distributor

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