



## DATA SHEET

# Tellus Power 160 kW DC fast charger

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

### Features:

- 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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Tellus Power Green DC fast charger provided by Siemens.



## 160 kW DC Fast Charging Station

Product Number	US2:TP51604802 (Dual CCS1)
Product Number	US2:TP51604801 (CCS1 and CHAdeMO)
Input Voltage	480V (3P + N + PE), 60Hz
Output Voltage	150–1000 VDC
Max Output Current	0 to 200A
FLA    Breaker Rating	215A    300A
Power Factor	>0.98
Efficiency	>94% at nominal output power
Connector Options	Dual CCS1 or CHAdeMO and CCS1 combo
CCS Cable	200A
Charging Protocol Standards	Mode 4, IEC-61851, ISO-15118, DIN 70121    Mode 4
Cycle Mode	1 x 160 kW
Parallel Mode	2 x 80 kW
Connector cable length	CCS – 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

### Distributor

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