



DATA SHEET

Tellus Power 60 kW DC fast charger

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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.



60 kW DC Fast Charging Station

| Product Number | US2:TP5604802 |
|-------------------------------------|---|
| Input | 480VAC (3P+N+PE) 60Hz |
| Output Voltage | 200 - 1000VDC |
| Output current | Upto 150A |
| FLA Breaker Rating | 80A 100A |
| Connectors | Dual CCS1 |
| Cyclic Charge Mode | 60 kW |
| Parallel Charge Mode | 30 kW per Port |
| Efficiency | ≥94% at nominal output power |
| Power factor | > 0.98 |
| Display | 10" touch screen |
| Access Control | RFID : ISO/IEC 14443A/B Credit Card Reader (Optional) |
| Metering | DC kWh meter per each connector |
| Operating temperature | -22°F to 131°F (-30°C to 55°C) |
| Altitude | 6500' (2000m) |
| Working Storage Humidity | ≤ 95% RH ≤ 99% RH (Non-condensing) |
| Dimensions (L x D x H) | 29" x 19" x 72" |
| Protective Class | NEMA 3S (IP54), IK10 |
| Cooling system | Air cooling fans |
| Weight | 617 lbs (280kgs) |
| DC Charge System | Mode 4 - IEC-61851, ISO-15118, DIN 70121 Mode 4 - CHAdeMO 0.9, 1.0 |
| Charging cable | 16ft (5m), Cable Retractor Included |
| Communication Protocol | Ethernet, 4G/WiFi OCPP 1.6J |
| 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 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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