

# **TELLUS POWER DC FAST CHARGER**

**(30KW DC Fast Charging Station – Wall Mount)**



<b>TELLUS POWER LEV3-30 DC FAST CHARGER</b>	
Rated power	<b>30KW</b>
Input supply	<b>3 x 480 VAC ( 3P + N + PE )</b>
Frequency	<b>60Hz ( +/- 2% )</b>
Output voltage	<b>150 to 600VDC</b>
Output current	<b>0 to 70A</b>
FLA    Breaker Rating	<b>40A    60A</b>
Connector	<b>CCS1</b>
Efficiency	<b>≥94% at nominal output power</b>
Power factor	<b>&gt; 0.98</b>
Operating temperature	<b>-30 deg C to 55 deg C (-22 deg F to 131 deg F)</b>
Working    Storage Humidity	<b>≤ 95% RH    ≤ 99% RH (Non-condensing)</b>
Display	<b>7" LCD with touch screen</b>
RFID system	<b>ISO/IEC 14443A/B</b>
Dimensions (L x D x H)	<b>20 x 12 x 27 inches</b>
Protective Class	<b>IP54</b>
Cooling system	<b>Air cooling fans</b>
Weight	<b>~100 lbs</b>
Compliance	<b>UL Certified</b>
DC Charge System	<b>Mode 4, IEC-61851, ISO-15118, DIN SPEC 70121</b>
Length of charging cable	<b>4m - 5m</b>
Interface protocol	<b>OCPP 1.6J</b>
Optional	<b>3G/4G Modem (Optional)</b>
<b>Electrical Protections</b>	
Electrical Safety: GFCI	<b>RCD 20 mA Type A</b>
Electrical Safety: Surge Protection	<b>20 kA</b>
Electrical Safety General	<b>Over Voltage, Under Voltage, Over Current, Missing Ground</b>
Electrical Safety: Output Short	<b>Output power disabled when output is short circuited</b>
Electrical Safety Temperature	<b>Temperature Sensors @ Charge Coupler and Power Electronics</b>
Emergency Stop	<b>Emergency Stop Button Disables Output Power</b>



*Tellus Power is a fast growing EV infrastructure manufacturing company with a wide range of products and services. We have deep expertise in the EV infrastructure market, backed by industry proven best practices in electronics manufacturing and in house R&D. Tellus power with global sales, manufacturing, and service centers in California, India, China, Latin Americas, Middle East have served many reputed customers across the globe and have delivered more than 150,000+ AC and 10,000+ DC Fast charging stations.*

## **Product Portfolio**

1. *AC Chargers – Level 2 ( 7.2KW to 42KW )*
2. *DC Off Board Chargers (CCS1, CCS2, CHAdeMO, GB/T) – 30KW / 60 KW / 120KW / 150KW and up to 300KW*
3. *DC Super charger with 8/10 terminals (360-500KW)*
4. *Battery Swapping Stations ( Automatic, Semi-Automatic, Manual )*
5. *Real-time Network Monitoring and Backend Analytics*
6. *Mobile Application for Drivers*



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