

TELLUS POWER DC FAST CHARGER

(120KW Charging Station)



TELLUS POWER LEV4-120 DC FAST CHARGER	
Rated power	120KW
Input supply	3 x 480 VAC (3P + N + PE)
Frequency	60Hz (+/- 2%)
Output voltage	150 to 750VDC
Output current	0 to 200A
FLA Breaker Rating	160A 200A
Connector	CCS1 and CHAdeMO (Dual Connector)
Cyclic Charge Mode	CCS1- 200 Amps / CHAdeMO – 125 Amps
Parallel Charge Mode	CCS1- 125 Amps / CHAdeMO – 125 Amps
Efficiency	≥94% at nominal output power
Power factor	> 0.98
Operating temperature	-30 deg C to 55 deg C (-22 deg F to 131 deg F)
Working Storage Humidity	≤ 95% RH ≤ 99% RH (Non-condensing)
Display	7" LCD with touch screen
RFID system	ISO/IEC 14443A/B
Dimensions (L x D x H)	39 x 35 x 79 inches
Protective Class	IP54
Cooling system	Air cooling fans
Weight	880 lbs
Compliance	UL Certified
DC Charge System	Mode 4, IEC-61851, ISO-15118, DIN SPEC 70121 and CHAdeMO
Length of charging cable	4m - 5m
Interface protocol	OCPP 1.6J
Optional	Credit Card Reader, 3G/4G Modem (Optional)
Electrical Protections	
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



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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