

LEV5 Series: 150-180 KW High Power DC Charger



TELLUS OF AMERICA

- Powerful Compact All-In-One DC Charger
- Simple Air-Cooled Power Modules
- Easy to Maintain
- Parallel Charging Feature Coming Soon
- No Liquid Cooled Cable on 150KW unit
- OCPP 1.6



Parameter	Specifications	
Maximum Power	150 KW	180 KW
Output Voltage	200 – 950 VDC	
Output Current	300A @ < 500 VDC 160A @ 920 VDC	360A @ < 500 VDC 195A @ 920 VDC
Input Voltage Frequency	480V +/- 5% (3P + N + PE) 60 Hz	
Input Current Breaker Rating	200A 300A	240A 300A
Power Factor	>0.98	
Efficiency	>94% at nominal output power	
DC Charge Mode	Mode 4, IEC-61851, ISO-15118, DIN SPEC 70121	
Connector cable length	16 ft (5 m)	13 ft (4 m)
Weight	880 lbs (400 kg)	950 lbs (430 kg)
Dimensions (L x D x H)	32" w x 30" d x 75" h (800 x 752 x 1900 mm)	
Insulation(input – output)	>2.5 kV	
Ingress Protection	IP 54	
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 touch screen	
Communication Protocol	OCPP 1.6J	
Access Control	RFID: ISO/IEC 14443A/B Credit Card Optional	
Power Electronics Cooling	Air Cooled	
Regulatory Compliance	UL-2202 EMC: EN 61000-6-1:2007, EN 61000-6-3:2007/A1:2011/AC:2012	
Communication	Ethernet - Standard, 3G/4G/Wi-Fi (Optional)	
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	