

LEV3 Series: 60 KW Standard Power DC Charger



- Parallel Charge: CHAdeMO EV + CCS1 EV
- All-One-Format: Easy to Install
- Efficient: 58kW of Power on a 100A Hookup
- Simple Air-Cooled Power Modules
- FRU Onboard Diagnostics: Easy to Service
- Remote Diagnostics: Improves Serviceability*
- OCPP 1.6: Industry Standard for EVSP

* Requires Tellus On-Guard Service Plan



Parameter	Specifications
Maximum Power	58 KW
Output Voltage	150 – 500VDC
Output Current	0 - 145A
Input Voltage Frequency	480V +/- 5% (3P + N + PE) 60 Hz
FLA Breaker Rating	80A 100A
Power Factor	>0.98
Efficiency	>94% at nominal output power
DC Charge Mode	Mode 4, IEC-61851, ISO-15118, DIN SPEC 70121
Charging Protocol	Dual Port CCS1 and CHAdeMO
Parallel Charge Mode (Optional)	29 KW per Port
Weight	530 lbs (400 kg)
Dimensions (L x D x H)	29" w x 19" d x 71" h
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	Emergency Stop Button Disables Output Power