

PRODUCT OVERVIEW

The EV-L3D Series is a Level 3 commercial DC dual charger that is compatible with OCPP1 and OCPP2 designed for outdoor use.

FEATURES

- IP54 / IK10
- CCS1 / NACS
- Proprietary control system
- 7" touch screen
- Wall mounted or pedestal
- ISO15118-2
- OCCP16 J / OCPP2.0.1 upgradeable
- Wi-Fi or 3G/4G optional

APPLICATIONS

- Retail shopping centers
- Corporate office complexes
- C-Stores & gas stations
- Hotels & resorts
- Restaurants
- Entertainment venues
- Stadiums and sports arenas
- Fleets
- Customer loyalty programs



Product Description

PART#	DESCRIPTION	INPUT VOLTAGE	CURRENT	CHARGING INTERFACE	POWER
EV-L3D-DC60KW	60kW Type 3 Dual Charger	3P 208 / 480Vac(±10%)	200A	CCS1 / NACS	30kW + 30kW/60kW
EV-L3D-DC80KW	80kW Type 3 Dual Charger	3P 208 / 480Vac(±10%)	200A	CCS1 / NACS	40kW + 40kW/80kW
EV-L3D-DC120KW	120kW Type 3 Dual Charger	3P 208 / 480Vac(±10%)	200A	CCS1 / NACS	60kW + 60kW/120kW
EV-L3D-DC160KW	160kW Type 3 Dual Charger	3P 208 / 480Vac(±10%)	200A	CCS1 / NACS	80kW + 80kW/160kW
EV-L3D-DC180KW	180kW Type 3 Dual Charger	3P 208 / 480Vac(±10%)	200A	CCS1 / NACS	90kW + 90kW/180kW
EV-L3D-DC240KW	240kW Type 3 Dual Charger	3P 208 / 480Vac(±10%)	200A	CCS1 / NACS	120kW + 120kW/240kW

Specifications

MODEL#	EV-L3D-DC60KW	EV-L3D-DC80KW	EV-L3D-DC120KW	EV-L3D-DC160KW	EV-L3D-DC180KW	EV-L3D-DC240KW
POWER INPUT						
Phases / Lines	3Phase + PE					
Voltage	3P 480Vac (±10%)					
Frequency	45-65Hz					
POWER OUPUT						
Charging Outlet	Single plug: CCS1 or NACS Dual plug: CCS1*2 / NACS*2 / CCS1+NACS					
Voltage (DC)	200~1000V					
Current (Max)	200A					
Power (Max)	30kW*2 / 60kW	40kW*2 / 80kW	60kW*2 / 120kW	80kW*2 / 160kW	90kW*2 / 180kW	120kW*2 / 240kW
GENERAL SPECIFICATIONS						
Cable Length	Standard: 18ft; Option: 25ft					
Dimension (W×D×H)	800mm × 500mm × 1800mm (31.50" × 19.69" × 70.87")					
Weight	551.16lbs					
LED Indicator	Yes					
HMI	7" Touch Screen					
Payment Mode	Standard: RFID Card (IC Card); Option: POS machine (debit / credit card, IC card)					
Efficiency	> 95%					
Power Factor	> 0.98 (50%~100% load)					
Harmonics	iTHD < 5%					
MCCB	Overload, short circuit, undervoltage protection and residual current protection					
Emergency Button	Yes					
COMMUNICATION						
Charger vs EV	PLC (DIN 70121: 2012/ISO15118-2: 2013)					
Communication Protocol	OCPP1.6 J / OCPP2.0.1					
Network Interface	Wi-Fi / 3G-3G (SIM card) / Ethernet					
Interface	CAN Bus / RS485					
ENVIRONMENTAL INDEX						
Operation Temperature	-22°F~122°F, will derating from 131°F or above					
Working Humidity	5%~95% without condensation					
Working Altitude	< 6561.68ft, No Derating					
Protection Grade	NEMA Type3 (IP54) / IK10					
Application Scene	Indoor / outdoor					
Cooling Method	Independent Fan Cooling					
Noise	< 55dB					
SAFETY PROTECTION						
Multiple Protection	Over/under voltage protection, overload protection, short circuit protection, over temp protection, grounding protection, surge protection					
Certification	ETL pending - conforms to UL 2594, UL2231-1/-2					

