

mbs

ZEVTRON L3 DC T Series

60 kW

Fast Charger Dual Port All-In-One Unit



FEATURES

- Multi-standard: CCS and CHAdeMO
- Network or standalone operation
- User authentication
- OCPP compliant - standard
- Extended warranties and service plans available
- Shipped pre-configured with ZEVTRON software for easy installation
- Credit card reader optional
- Users not required to download separate app to charge their vehicle
- Customization available

WANT TO LEARN MORE?



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mbsrep.com

ABOUT US OUR BUSINESS

MBS provides best-in-class electrical vehicle (EV) charging solutions for commercial and residential applications. We partner with leading manufacturers to bring you the most premier products on the market. Trust us with your EV charging needs.

BENEFITS

- All-in-one design saves on installation and maintenance costs
- Modern 10" touch screen display
- Power module redundancy: Charger will operate if power module failure occurs
- 16 ft (5 m) charging cable
 - Cord management system included
- Dual port chargers deliver charge to two vehicles

APPLICATIONS

- Auto dealerships
- Highway gas/service stations
- Parking lots/garages
- Commercial fleet operators
- EV infrastructure operators and service providers
- Grocery/retail



ZEVTRON

SMART CHARGING SOLUTIONS

Model Number	ZEV-T3001 & ZEV-T3003 (CCSI & CHAdeMO)	ZEV-T3002 & ZEV-T3004 (Dual CCSI)
Input Voltage Frequency	480 VAC (3P + N + PE) 60 Hz	480 VAC (3P + N + PE) 60 Hz
Output Voltage	150-500 VDC & 150-1000 VDC	150-500 VDC & 150-1000 VDC
Output Current	0 to 150 A	0 to 150 A
FLA Breaker Rating	80 A 100 A	80 A 100 A
Connectors	CCSI and CHAdeMO	CCSI (both)
Cyclic Charge Mode	CHAdeMO - 125 A	CCSI - 140 A
Parallel Charge Mode (optional)	30 kW per port	30 kW per port
Efficiency	≥ 94% at nominal output power	≥ 94% at nominal output power
Power Factor	> 0.98	> 0.98
Operating Temperature	-22° F to 131° F (-30° C to 55° C)	-22° F to 131° F (-30° C to 55° C)
Altitude	≈ 6500' (2000 m)	≈ 6500' (2000 m)
Working Storage Humidity	≤ 95% RH ≤ 99% RH (non-condensing)	≤ 95% RH ≤ 99% RH (non-condensing)
Communication Interface protocol	Ethernet, 4G/WiFi OCPP 1.6 J	Ethernet, 4G/WiFi OCPP 1.6 J
RFID System (Optional)	ISO/IEC 144443A/B	ISO/IEC 144443A/B
Dimensions Weight	29" (L) x 19" (D) x 72" (H) 617 lbs (280 kg)	29" (L) x 19" (D) x 72" (H) 617 lbs (280 kg)
Protective Class	NEMA 3S (1P54), IK10	NEMA 3S (1P54), IK10
Power Electronics Cooling	Air cooling fans	Air cooling fans
Electrical Safety: Temperature	Temperature sensors at charge coupler and power electronics	Temperature sensors at charge coupler and power electronics
Regulatory Compliance	UL & CE certified UL-2202 EMC: EN 61000-6-1:2007, EN 61000-6-3:2007/A1:2011/AC:2012	UL & CE certified UL-2202 EMC: EN 61000-6-1:2007, EN 61000-6-3:2007/A1:2011/AC:2012
Charging Protocol Standards	Mode 4 - IEC-61851, ISO-15118, DIN 70121 Mode 4 - CHAdeMO 0.9, 1.0	Mode 4 - IEC-61851, ISO-15118, DIN 70121
Electrical Safety: GFCI	RCD 30 mA Type A	RCD 30 mA Type A
Emergency Safety: General Emergency Stop	Over voltage, under voltage, over current, missing ground Emergency stop button disables output power	Over voltage, under voltage, over current, missing ground Emergency stop button disables output power
Electrical Safety: Output Short	Output power disabled when output is short circuited	Output power disabled when output is short circuited
Electrical Safety: Surge Protection Insulation (Input-Output)	20 kA > 2.5 kV	20 kA > 2.5 kV