

mbs

ZEVTRON L3 DC T Series

180 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
- Compatible with ZEVTRON QR code Quick Connect technology
- Users not required to download separate app to charge their vehicle
- Customization available

WANT TO LEARN MORE?



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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
- Cord management system included
- Liquid cooled connector (option available)
- Dual port
 - Simultaneous charge to two vehicles

APPLICATIONS

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



ZEVTRON

SMART CHARGING SOLUTIONS

Model Number	ZEV-T3013 & ZEV-T3015 (CCS1 & CHAdeMO)	ZEV-T3014 & ZEV-T3016 (Dual CCS1)
Maximum Power	180 kW	180 kW
Input Voltage Frequency	480 V (3P + N + PE) 60 Hz	480 V (3P + N + PE) 60 Hz
Output Voltage	150-1000 VDC	150-1000 VDC
Output Current	0 to 200 A & 0 to 500 A	0 to 200 A & 0 to 500 A
Input Current Breaker Rating	240 A 300 A	240 A 300 A
Connectors	CCS1 and CHAdeMO	CCS1 (both); dual CCS1, single CCS1
Maximum Output Current	CHAdeMO - 125 A (standard) or 200 A	CCS1 - 200 A & 500 A (liquid cooled)
Cyclic Charge Mode	1 x 180 kW (Max: 200 A) & 1 x 180 kW (Max: 450 A)	1 x 180 kW (Max: 200 A) & 1 x 180 kW (Max: 450 A)
Parallel Charge Mode	2 x 90 kW (Max: 200 A) & 2 x 90 kW (Max: 250 A)	2 x 90 kW (Max: 200 A) & 2 x 90 kW (Max: 250 A)
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)
Display	10" LCD with touch screen	10" LCD with touch screen
RFID System (Optional)	ISO/IEC 14443A/B	ISO/IEC 14443A/B
Dimensions	29.5" (L) x 26.5" (D) x 73" (H)	29.5" (L) x 26.5" (D) x 73" (H)
Weight	880 lbs (400 kg)	880 lbs (400 kg)
Cable Length	16 ft (5 m) - CHAdeMO	13 ft (4 m) - CCS1
Insulation (Input - Output)	> 2.5 kV	> 2.5 kV
Ingress Protection	NEMA 3S, IK10	NEMA 3S, IK10
Power Electronics Cooling	Air cooling	Air cooling
Regulatory Compliance	UL-2202 EMC: EN 61000-6-1:2007, EN 61000-6-3:2007/A1:2011/AC:2012	UL-2202 EMC: EN 61000-6-1:2007, EN 61000-6-3:2007/A1:2011/AC:2012
Access Control	RFID: ISO/IEC 14443A/B (credit card optional)	RFID: ISO/IEC 14443A/B (credit card optional)
Communication Protocol	OCPP 1.6J, Ethernet 4G/WiFi	OCPP 1.6J, Ethernet 4G/WiFi
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