

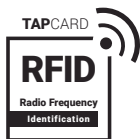
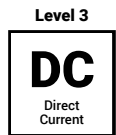


Elite
EV + CHARGING

EVD25-1-50A

COMMERCIAL • LEVEL 3

SPECIFICATIONS



Los Angeles | www.luseElite.com | 323.888.1973

EVD25-1-50A

COMMERCIAL • LEVEL 3

Elite EV's DC Wallbox enhances EV compatibility at public charging locations with its wall-mounted, modular design that ensures cost-effective installation and lifecycle maintenance. Additionally, it features integrated network connectivity and RFID functionality for user authentication, enabling secure access and remote management applications.



Power Input

Input Rating	240 / 277 Vac; 60 Hz; Single-phase / L1, L2, PE or L, N, PE 480 Vac; 60 Hz; Three-phase / L1, L2, L3, N, PE 208 Vac; 60 Hz; Three-phase / L1, L2, L3, PE
Power Factor	> 0.98
Current THD	Compliant with IEEE 519
Efficiency	94%
Stand-by Consumption	< 20 W

Power Output

DC Output	CCS1, 100-1000 VDC, 50A max., 25 kW max.
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Protection

Protection	Under Voltage Protection (UVP), Over voltage protection (OVP), Surge Protection Device (SPD), Over Current Protection (OCP), Over Temperature Protection (OTP), Control Pilot Fault Protection, Ground fault & Circuit Protection
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User Interface & Control

Display	2.7" OLED Screen
Push Buttons	Multi-Functional Buttons (LED Light: Orange, Blue)/ Emergency stop button (Red)
User Authentication	ISO/IEC 14443 Type A/B RFID for user authentication

Communication

Connectivity	OCPP 1.5S, 1.6J
Network Interface	Ethernet, Cellular

Environment

Operating Temperature	-22°F to +122°F (-30°C to +50°C)
Storage Temperature	-40°F to +185°F (-40°C to +85°C)
Humidity	< 95% relative humidity, non-condensing
Altitude	Up to 6,500 ft. (2,000 m)

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Mechanical Design

Ingress Protection	Type 3R
Enclosure Protection	IK10 according to IEC 62262
Cooling	Forced Air
Charging Cable Length	22.96 ft
Dimension (W x H x D)	27 × 17 × 9 in
Weight	94.8 lb (43kg), excluding charging plug
Type Of Mounting	Wall-mount or optional stand

Regulation

Certifications	UL, cUL, UL 2202, UL 2231
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• Single output model available

Ordering Chart

Part	Commercial DC (D)	Family	Amerpage	Max Rated Power	Ethernet	Cellular
EV	D	25-1	50A	25KW	E	4G

Example

EVD25 - 1 - 50A - 25KW - E - 4G