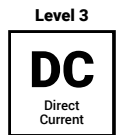




Elite  
EV + CHARGING

**EVD100-1-200A**  
COMMERCIAL • LEVEL 3

**SPECIFICATIONS**



Los Angeles | [www.luseElite.com](http://www.luseElite.com) | 323.888.1973

# EVD100-1-200A

## COMMERCIAL • LEVEL 3

The EVD100 is the ultimate solution for efficient urban charging services. It enables simultaneous charging output and load distribution to maximize the utilization rate of charging sites. This DC Charger seamlessly integrates with OCPP, ensuring effortless backend system integration for user management, remote control, and energy management.



### Power Input

<b>Input Rating</b>	480 Vac, 3-Phase, 50 / 60 Hz, L1, L2, L3, N, PE
<b>Power Factor</b>	0.99 at Nominal Output
<b>Efficiency</b>	94% at Nominal Output Power

### Power Output

<b>Output Voltage</b>	50 - 1000 VDC
<b>Output Interface</b>	DC output options: CCS1
<b>DC Output Current</b>	200 A max.
<b>DC Output Power</b>	100 kW max.

### Protection

<b>Protection</b>	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

<b>Display</b>	7 inch LCD Touch Panel
<b>Push Buttons</b>	1 Emergency Stop Button
<b>Charge Options</b>	Simultaneous Charging and Configurable Dynamic Load Distribution (Dual Outputs)
<b>User Authentication</b>	ISO / IEC 14443 A / B Mifare RFID reader, Credit Card Reader

### Communication

<b>Connectivity</b>	OCPP 1.6-J, upgradeable to OCPP 2.0
<b>Network Interface</b>	Ethernet, Cellular, WLAN

### Environment

<b>Operating Temperature</b>	Operating from -22 °F to +122 °F (-30 °C to +50 °C), Derating from +122 °F to 140°F (+50 °C to +60 °C)
<b>Storage Temperature</b>	-40 °F to +176 °F (-40 °C to +80 °C)
<b>Humidity</b>	< 95% relative humidity, non-condensing
<b>Altitude</b>	6,500 ft

# EVD100-1-200A

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### Mechanical Design

Ingress Protection	Type 3R
Enclosure Protection	IK10 according to IEC 62262
Cooling	Forced Air
Charging Cable Length	13 ft (standard), 19 ft (optional), 25 ft (optional)
Dimension (W x H x D)	31.50 × 59.10 × 23.20 in
Weight	772 lb

### Regulation

Certifications	UL2202, UL 2231
	CSA C22.2#107.1:2016 Ed.4, CSA C22.2#281.2 Issued: 2012/09/07 Ed:1

### Installation

Accessory	Cable management
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• Dimensions and weight, including charging connectors, may vary.  
Product appearance depends on the configuration.

### Cable Management

Manageable Cable Length	13 ft (standard), 19 ft (optional)
Placement	Front Sides Of Charger, On-Site Installation
Dimensions (W x D x H)	4.33 × 9.25 × 59.13 in
Weight	63.93 lb
Recoiler Cable Length	6.56 ft
Internal Counterweight	Depending on the weight of the charging cable

### Ordering Chart

Part	Commercial DC (D)	Family	Amerpage	Max Rated Power	Ethernet	Cellular	WLAN
EV	D	100-1	200A	100KW	E	4G	WLAN

### Example

EVD100 - 1 - 200A - 100KW - E - 4G - WLAN