

# DC EV CHARGER

60kW/90kW/120kW/150kW

European-Standard



## Features

- High voltage output. The output voltage ranges from 200-1000V, satisfying the requirements of various types of vehicles covering small cars, medium and large buses.
- High power output. Fast charging with high-power output, suitable for large parking lots, residential areas, shopping malls.
- Intelligent power distribution allocates power as needed every power module works on its own, maximizing the module utilization.
- High input voltage 380V+15%, won't stop charging with small voltage fluctuations.
- Intelligent cooling. Modular heat dissipation design, independent work, the fan works based on station's working condition, low noise pollution.
- Compact and modular design 60kw up to 150kw, customization available.
- Backstage monitoring. Real-time monitoring of the station status.
- Load balancing. More effective connection to the load system.

Model	EVSED60KW-D2-EU01	EVSED90KW-D2-EU01
<b>AC input</b>		
Input rating	380V±15% 3ph	
Number of phase/ Wire	3ph / L1, L2, L3, PE	
Frequency	50/60 Hz	
Power factor	>0.98	
Current THD	<5%	
Efficiency	>95%	
<b>Power output &amp; Protection</b>		
Output power	60kW	90kW
Voltage accuracy	±0.5%	
Current accuracy	±1%	
Output voltage range	200V-1000V DC	
Protection	Over current, Under voltage, Over voltage, Residual current, Surge, Short circuit, Over temperature, Ground fault.	
<b>User interface &amp; Control</b>		
Display	10.1 inch LCD screen & touch panel	
Support language	Android system (support all the major languages)	
Charge option	Charge options to be provided upon request: Charge by duration, Charge by energy, Charge by fee	
Charging interface	CCS 2	
Startup mode	Plug & charge/ RFID card/ APP	
<b>Communication &amp; Environmental</b>		
Network	Ethernet, Wi-Fi, 4G	
Open charge point protocol	OCPP1.6 / OCPP2.0	
Operating temperature	-20 °C to 55°C (derating when over 55°C)	
Storage temperature	-40 °C to +70°C	
Humidity	≤95% relative humidity, non-condensing	
Altitude	Up to 2000 m (6000 feet)	
<b>Mechanical &amp; Compliance</b>		
Ingress protection	IP 54	
Enclosure protection	Ik10 according to IEC 62262	
Cooling	Forced air	
Charging cable length	5m	
Dimension (W*D*H) mm	650*700*1750mm	
Weight	370kg	390kg
Certificate	CE / EN 61851-1/-23	

Model	EVSED120KW-D2-EU01	EVSED150KW-D2-EU01
<b>AC input</b>		
Input rating	380V±15% 3ph	
Number of phase/ Wire	3ph / L1, L2, L3, PE	
Frequency	50/60 Hz	
Power factor	>0.98	
Current THD	<5%	
Efficiency	>95%	
<b>Power output &amp; Protection</b>		
Output power	120kW	150kW
Voltage accuracy	±0.5%	
Current accuracy	±1%	
Output voltage range	200V-1000V DC	
Protection	Over current, Under voltage, Over voltage, Residual current, Surge, Short circuit, Over temperature, Ground fault.	
<b>User interface &amp; Control</b>		
Display	10.1 inch LCD screen & touch panel	
Support language	Android system (support all the major languages)	
Charge option	Charge options to be provided upon request: Charge by duration, Charge by energy, Charge by fee	
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Altitude	Up to 2000 m (6000 feet)	
<b>Mechanical &amp; Compliance</b>		
Ingress protection	IP 54	
Enclosure protection	Ik10 according to IEC 62262	
Cooling	Forced air	
Charging cable length	5m	
Dimension (W*D*H) mm	650*700*1750mm	
Weight	420kg	450kg
Certificate	CE / EN 61851-1/-23	