



EVMO-60 Dual CCS2 Specifications

Accelerating mass adoption of electric vehicles by
delivering sustainable fast charging solutions that can be
deployed anywhere



ELECTRIC VEHICLE ENERGY STORAGE COMPANY

EVMO-60 Dual CCS2

60kW Mobile DC Fast Charger

FEATURES

- Designed for mobile EV fast charging
- User-friendly interface with an LCD touchscreen display
- Dual CCS2 charging cables with simultaneous charging capabilities
- Wide output voltage range from 150 - 1000 Vdc
- Plug-and-play and RFID card start up modes
- Robust castors for quick and easy movement
- High efficiency at $\geq 95\%$
- Ideal for various applications, including service stations, auto dealerships, Fleet operators, and more.



SPECIFICATIONS		SPECIFICATIONS CONT..	
Charging Outlet	Dual CCS 2 charging cables (5 meters)	Communication Protocol	OCPP 1.6
Output Power	60 kW can charge two vehicles at once 30 kW each	Connectivity	3G, 4G and Wi-Fi
Output Voltage	150 - 1000 V	Operating Temperature	-22°F (-30°C) to 149°F (65°C)
Phase/Lines	3-phase + neutral + PE	Operating Humidity	5%-95% without condensation
Supply Input	400 Vac (+/- 10%)	Dimensions (W x L x H) Inch (mm)	26.0 x 29.5 x 46.7 (660 x 750 x 1185)
Supply Frequency	40 - 65 Hz (+/- 10%)	Weight	~207 kg (456 lbs)
Efficiency	$\geq 95\%$	Protection	Over/under voltage protection, overload protection, short circuit protection, over/under temperature protection, surge protection, communication failure
Power Factor	≥ 0.99	MTBF (Mean time before failure)	100,000 hours
Stable Voltage Accuracy	$\geq (+/-) 0.5\%$		
Stable Current Accuracy	$\geq (+/-) 1\%$		
Soft Start Time	3 - 8 seconds		
Emergency Stop Button	Yes		
LCD Display	10 inch touchscreen		
IP Rating	IP54		
Startup Mode	Plug-and-play or RFID card reader		



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