



TECHNICAL DATA SHEET



PIONEERING THE FUTURE
OF ELECTRIC MOBILITY

FAST DC CHARGER

60kW

MEVCD210

Find out more:
menshaenergy.com



**FUTURISTIC
DESIGN AND
TECHNOLOGY**



**BUILT-IN SAFETY
WITH INTELLIGENT
PROTECTION**



**SWIFT AND
SMART**

FAST DC CHARGER

60kW

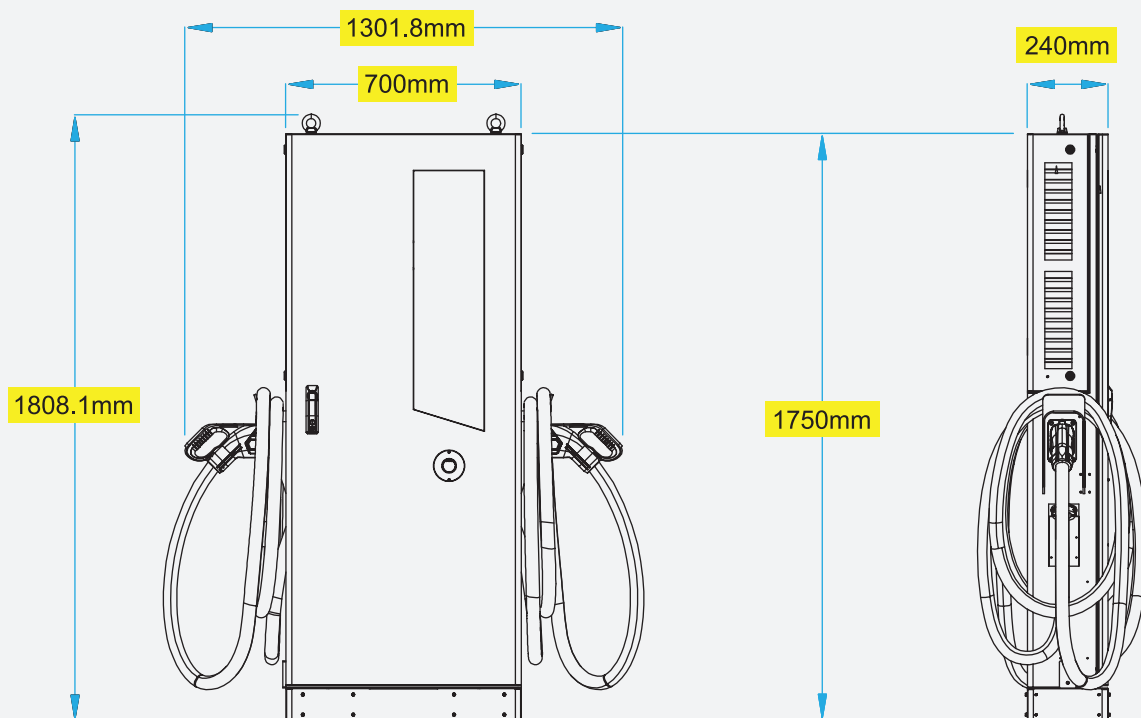


KEY FEATURES

- Multiple charging ports for simultaneous charging, catering to various electric vehicle models.
- Crafted with high-quality materials to ensure durability and long-lasting performance.

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DIMENSIONS



TECHNICAL SPECIFICATION

AC Nominal Input		
Voltage	V	Three-phase: 400Vac $\pm$ 10%(Optional)
Frequency	Hz	50Hz or 60Hz
Efficiency		$\geq$ 95%
Power factor		$\geq$ 0.98
Network Type		TT/TN
Cable Cross-Section (Power Cable)	mm ²	35 mm ² (depending on max. current setting)
DC Output		
Rated Power	kW	60 kW
Connectors		CCS2 (CHAdeMO Optional)
Current	A	200A (250A Optional)
Voltage	V	200V - 1000VDC
Current Accuracy		$\leq \pm 1\%$
Voltage Accuracy		$\leq 0.5\%$
Cable length	m	5m or 7 m (customizable)
General specifications		
Charging mode		Mode 4
User interface		7" Color Touch Screen Display (12" optional)
Charging Status LEDs		Charging state, Authentication, Error codes
LED Indicators		Green/Blue/Red
User Authentication		RFID (ISO/IEC 14443), APP
Network connection		Ethernet,Bluetooth, Wi-Fi (GSM,LTE,4G Optional)
Charging protocol		ISO 15118, DIN 70121

Number of charging Connectors		1 or 2
Communication protocol		Compactable with OCPP 1.6J, upgradeable to OCPP 2.0.1
Residual Current Protection		Yes
Internal Fuse		Yes
Electrical Protection		Under voltage, Over voltage, Over Current, Short Circuit protection, Lightning protection, Over temperature, Ground Fault, Surge protection
Metering options		DC meter, Accuracy Class 1.0
Languages		English (customizable)
Environmental conditions		
Operating environment		Indoor/Outdoor
Operating temperature	°C	-30°C ~ +50°C
Operating Noise Level	dBA	≤75dBA
Recommended Storage conditions	°C	-40°C ~ +75°C
Operating altitude	m	≤2000
Relative Humidity (RH)	%	Max. 95% RH, Non Condensing
Mechanical Specifications		
Enclosure protection		IP54
		IK10
Cooling Method		Fan cooling
Color		Yellow and Black
Mounting options		Free standing
Product dimensions (W x D xH)	mm	700mm x 240mm x 1750mm
Package dimensions (W x D xH)	mm	1100mm x 750mm x 1890mm
Weight	kg	220kg (Net), 230kg (Gross)
Norms and Standards		
Charging standards		EN IEC 61851-1:2019, EN61851-23:2014+AC:2016, EN 61851-24:2014+AC:2015, EN IEC 62196-1:2022, EN IEC62196-3:2022, IEC 61851-1:2017, IEC 62196-1:2022 IEC 62196-3:2022, IEC61851-23:2014+COR1:2016, IEC 61851-24:2014+COR1:2015
EMC Standards		EN IEC 61851-21-2:2021, EN IEC 61000-6-1:2019, EN IEC 61000-6-3:2021, EN IEC 61000-3-11:2019, EN 61000-3-12:2011, IEC 61851-21-2:2018, IEC 61000-6-1:2016, IEC 61000-6-3:2020, IEC 61000-3-11:2017, IEC 61000-3-12:2011
Certificates and Conformity		CE
EMI		Class B

EMPOWERING THE FUTURE



Mensha Energy Solution LLC
Unit- A01, Block-A, Phase-03
Light industrial unit, DSO,
Dubai, UAE

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