



TECHNICAL DATA SHEET

PIONEERING THE FUTURE
OF ELECTRIC MOBILITY



DC CHARGER

30kW

MEVCD203

Find out more:
menshaenergy.com



**SWIFT AND
SMART**



**BUILT-IN SAFETY
WITH INTELLIGENT
PROTECTION**



**FUTURISTIC
DESIGN**

DC CHARGER

30kW

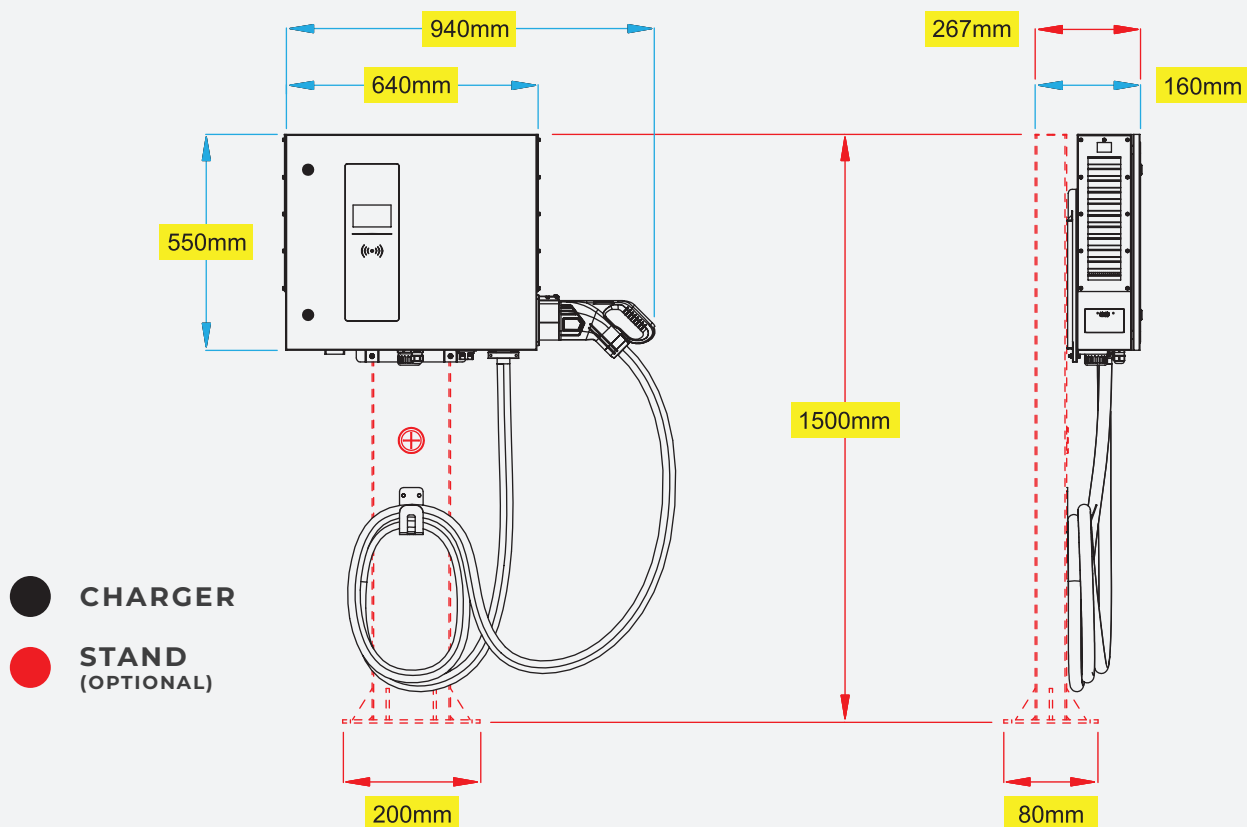


KEY FEATURES

- Easy to use & Install
- Compatible with every electric car—now and in the future
- Best suited DC charger for
Commercials & Home Charging
Residentials

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DIMENSIONS



TECHNICAL SPECIFICATION

AC Nominal Input		
Voltage	V	Three-phase: 400Vac $\pm 10\%$ (Optional)
Frequency	Hz	50Hz or 60Hz
Network Type		TT/TN
Cable Cross-Section (Power Cable)	mm ²	25 mm ² (depending on max. current setting)
DC Output		
Rated Power	kW	30 kW
Connectors		CCS2 (CHAdemo Optional)
Current	A	100A
Voltage	V	200-1000VDC
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		4.3" Color Touch Screen Display
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
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
Environmental Conditions		
Operating environment		Indoor and Outdoor
Operating temperature	°C	-30°C ~ +50°C
Operating Noise Level	dBA	≤60dBA
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
Color		Yellow and Black
Mounting options		Wall and Pole mounting
Product dimensions (W x D xH)	mm	640mm x 160mm x 550mm
Package dimensions (W x D xH)	mm	808mm x 438mm x 748mm
Weight	kg	80kg (Net)/ 85.7kg(Gross)
Norms and Standards		
Charging standards		EN IEC 61851-1:2019, EN 61851-23:2014+AC:2016, EN 61851-24:2014+AC:2015, EN IEC 62196-1:2022, EN IEC 62196-3:2022, IEC 61851-1:2017, IEC 62196-1:2022, IEC 62196-3:2022, IEC 61851-23:2014+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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