



TECHNICAL DATA SHEET

PIONEERING THE FUTURE
OF ELECTRIC MOBILITY



AC CHARGER
7.4kW/22kW
MEVCA107

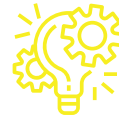
Find out more:
menshaenergy.com



**SMART &
RELIABLE**



**SAFETY &
PROTECTION**



**FUTURE-READY
TECHNOLOGY**

AC CHARGER

7.4kW/22kW

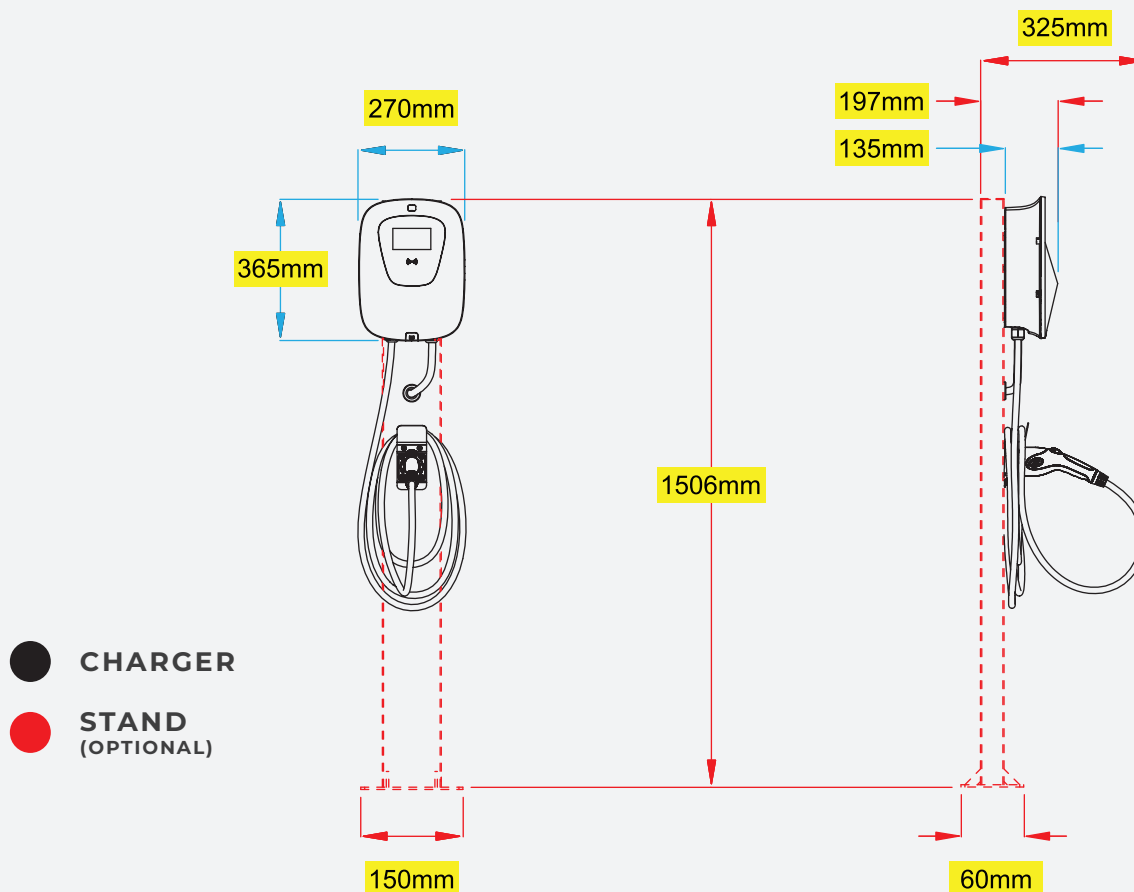


KEY FEATURES

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

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menshaenergy.com

DIMENSIONS



TECHNICAL SPECIFICATION

AC Nominal Input		
Voltage	V	Single-phase: 230Vac $\pm 10\%$ / Three-phase: 400Vac $\pm 10\%$
Rated Current	A	32A
Frequency	Hz	50Hz or 60Hz
Network Type		TT/TN
Cable Cross-Section (Power Cable)	mm ²	upto 10 mm ² (depending on max. current setting)
AC Output		
Rated Power	kW	Single Phase upto 7.4kW/ Three-phase upto 22kW
Connectors		Type 2
Current of connected cables (max)	A	32
Cable length	m	5m or 7 m (customizable)
General Specifications		
Charging mode		Mode 3
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)
Network connection		Ethernet,Bluetooth, Wi-Fi (GSM,LTE,4G Optional)
Communication protocol		Compactable with OCPP 1.6J, upgradeable to OCPP 2.0
Residual Current Protection		Type A 30mA + DC 6mA

Electrical Protection		Under voltage, Over voltage, Over Current, Short Circuit protection, Lightning protection, Over temperature, Under temperature, Ground Fault, Surge protection
Metering options		Embedded meter
Languages		English
Environmental Conditions		
Operating environment		Indoor and Outdoor
Operating temperature	°C	-30°C ~ +50°C
Recommended Storage conditions	°C	-40°C ~ +85°C
Operating altitude	m	≤2000
Relative Humidity (RH)	%	≤95% Non-Condensing
Mechanical specifications		
Enclosure protection		IP55
		IK08
Color		Yellow and Black
Mounting options		Wall and Pole mounting
Product dimensions (W x D x H)	mm	270mm x 135mm x 365mm
Package dimensions (W x D x H)	mm	330mm x 265mm x 500mm
Weight	kg	6kg
Norms and Standards		
Charging standards		EN IEC 61851-1, EN IEC 62196-1, EN IEC 62196-2,
EMC Standards		EN IEC 61851-21-2, EN IEC 61851-21-2, EN IEC 61000-6-1, EN IEC 61000-6-3, EN IEC 61000-3-11, EN IEC 61000-3-12, EN IEC 61000-6-1, EN IEC 61000-6-3, EN IEC 61000-3-11, IEC 61000-3-12
Certificates and Conformity		CE

EMPOWERING THE FUTURE



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

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