

Manta Home Charger

Specifications



- Fast charging up to 22 KW.
- Compatible with all electric vehicles.
- Weather proof.
- Smart mobile application.
- Stainless steel sleek design.
- 3 year warranty.

Installation



- Certified technicians for reliable installation.
- Safe and compliant electrical setup.
- Ongoing support available after installation.
- Compatible with all standard home and commercial setups.
- Includes full system testing and verification.



Funded by
the European Union



TECHNICAL SPECIFICATIONS

ELECTRICAL

Power	Up to 7.4 KW (1-Phase, 32A) Up to 22 KW (3-Phase, 32A)
Connector	Type 2 socket with shutter and lock
Charging Current	6-32 A configurable via Mobile App
Charging Level	Level 2
Rated Voltage AC	450 V
Rated Current AC	40 A
Rated Frequency	50/60 Hz
Power Input Cable	Up to 5*10 mm ²
Residual Current Detection	20 < mA

CONNECTIVITY AND USER INTERFACE

Bluetooth	Bluetooth v4.2
Wi-Fi	2.4 GHz
User Identification	RFID
User Interface	Polygon Mobile App
Charger Status	4-color LED strip, Buzzer

SAFETY

Diode fault detection and prevention
Control Pilot fault detection and prevention
Earth fault detection and prevention
Over/Under Voltage protection
Overcurrent protection
High-temperature protection

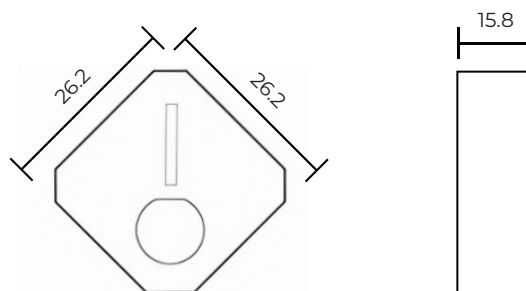
ENVIRONMENTAL

Protection Rating	Water, Dust proof
Operating Temperature	-20 to 50°C
Storage Temperature	-40 to 70°C
Humidity	95% @ 75°C

PHYSICAL

Weight	8.5 kg
Power Cable Entry	Bottom
Mount	Wall or Stand

DIMENSIONS



OPTIONS

Optional built in DC 6ma fault detection

Installation options:

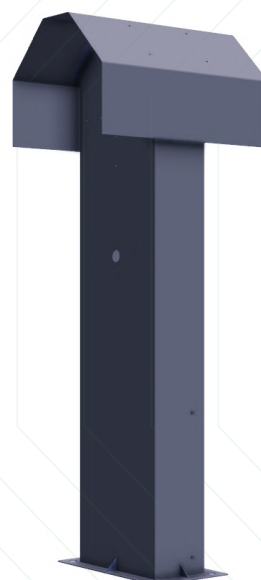
External RCD protection

EV cable (type 2 to GB/t or type 2 to type 2 or type 2 to type 1)

Sun shade

Mounting pole

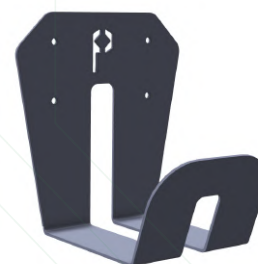
Cable holder



Mounting pole



Sun shade



Cable holder

