

Delta AC MAX Car Charger

Delta AC MAX car charger with Modbus RTU. Control charging power based on photovoltaic surplus. 11kW and 22kW variants.





Quick Facts

Dimensions	240 × 400 × 145 mm
Operating temperature	-30 ... 50 °C
IP rating	IP55

A top-tier car charger with Modbus RTU connectivity. Control the charging power based on photovoltaic surplus.

Product Variants

Order Code	Výkon autonabíjačky	EAN
WALLBOX-11KW	11 kW	 8586022935008
WALLBOX-22KW	22 kW	 8586022935015

Technical Specifications

ELECTRICAL	
Input voltage	230/400 VAC
Charging power	11–22 kW
INTERFACE	
Protocol	Modbus RTU (RS-485)

Delta AC chargers have a power range from 7 to 22 kW. With a compact design and support for Modbus RTU connectivity, Delta AC chargers are ideal for both commercial and residential charging.

Power Range

- 11 kW Variant: 6 to 16 A per phase
- 22 kW Variant: 6 to 32 A per phase

Note: Installation can be configured for either single-phase or three-phase. This setting cannot be changed during operation.

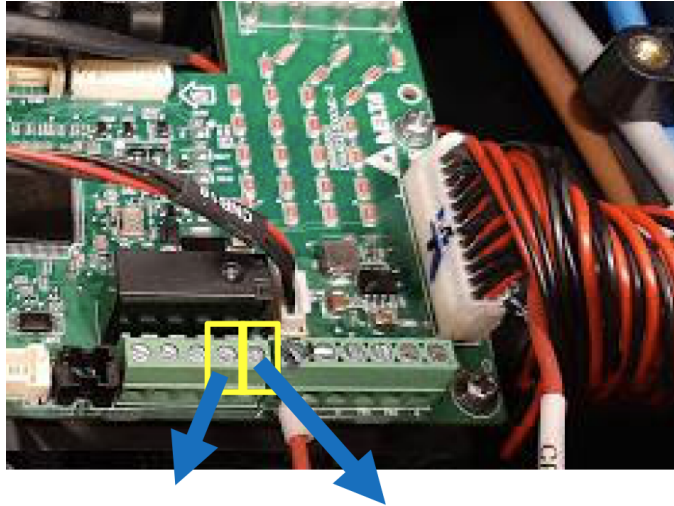
Features

- Charging Cable Length: 5m
- Type of Charging Cable: IEC 62196-2 Type 2
- Input Parameters:
 - Single-Phase: 230 V, 50-60Hz 32A (maximum)
 - Three-Phase: 400 V, 50-60Hz 16A, 32A (maximum)
- Low Power Consumption in Standby Mode: < 2,6 W
- Dimensions (W x H x D): 218 x 371 x 167 mm
- Weight: 3,8 kg
- Protection Rating: IP55
- Operating Temperature: -30 °C to +50 °C
- Humidity: < 95% relative humidity, non-condensing

Protections

- Internal Current Protector - (Residual Current Device): AC 30mA, DC 6mA
- Electrical Protections: Over current, Under voltage, Over voltage, Over temperature, Surge protection, Short circuit, Ground fault
- After Power Outage: Random delay before resuming charging after a power outage.
- Enclosure Protection: IK09 (IEC 62262)
- Certificates: CE, UKCA, IEC 61851-1, IEC 62196-2

Modbus RTU Connectivity



Pin 4
RS485 A

Pin 5
RS485 B



Product page

<https://hardware.taphome.com/wallbox-delta-ac-max/>

