

CH-W-S-A7.4-P-E 2875210000

Mode 3 AC EV charging box SMART ECO with a maximum charging capacity of 7.4 kW at 1-phase (230 V) grid connection, maximum charging current of 32 A (Current limit can be set individually), with permanently attached charging cable (5m) and type 2 plug, integrated 6 mA residual current detection (DC), LEDs for status indication, robust IP54-housing, installation friendly housing concept for easy and fast assembly, different digital and serial Interfaces, networkable, updatable, mobile app for remote control and configuration

Technical Data

Dimensions and weight:

Dimensions: 268 x 433 x 150 mm

Net weight: 5.1 kg

Temperatures and storage:

Storage temperature: -40 °C ... 70 °C

Operating Temperature: -30 °C ... 45 °C

Humidity: 5 ... 95% rel. humidity

Performance specification:

Charge mode: Mode 3 according to IEC 61851-1

Input voltage type: AC

Grid connection: 230 V AC 1-phase

Max. charging capacity: 7.4 kW

Max. Charging current: 32 A (Adjustable in 1 A Steps)

Min. Charging current: 6 A

System requirements:

Connection system: With attached 5 m cable and type 2 plug

Type of communication to vehicle: Control Pilot (CP),

Proximity Pilot / Plug Present (PP)

Protection class: I

Surge voltage category: III

Pollution severity: 3

Features:

Type of status indicator: RGB LED

Welding detection: Yes

Failure shutdown: Yes

Failure Shutdown method: All-pole

Integrated DC residual current protection: 6 mA

Type of residual current detection to be provided by the installation: RCD type A

Mobile App available: Yes

User authentication type: Mobile App

Supported protocols: Modbus RTU, Modbus TCP

Interfaces:

WiFi: Yes (2.4 GHz)

Bluetooth module: Bluetooth low energy

Ethernet ports: 1

Digital inputs: 5 (12 V / 6 mA)

Digital outputs: 1 (12 V / 100 mA)

Serial interfaces: RS485

Assembly:

Assembly: Wall mounting, stand mounting

Included in delivery:

Included in delivery: Drilling template, Instruction sheet, Mounting screws, Assembly dowels

Housing:

Operating altitude: ≤ 3000 m

Housing main material: PC

Protection degree: IP54

Colour: black, Anthracite, grey

Approvals and Norms:

IEC 61851-1, IEC 61851-21-2, IEC 62196-1, IEC 62196-2, EN 50620, EN 301 489-1, EN 301 908-1, EN 301 511, EN300 328, EN 300 330 v.2.1.1, EN 62368-1, EN 55011

Connection data (supply cable):

Conductor cross-section, max.: 16 mm²

Manufacturer: Weidmüller