

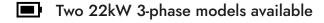
## Wall Charger 2 22kW Socketed

Fast electric vehicle charging at home\*, workplace or for fleet service operators

Powered by

MONTA





Quick and easy installation, with UK based technical support

3 year warranty & <u>fully compliant</u> with UK EV regulations

Compatible with all electric and hybrid plug-in vehicles

- Models with Wi-Fi/LAN/RFID and Wi-Fi/LAN/4G/RFID
- Fully compliant with The Electric Vehicles (Smart Charge Points) Regulations 2021, including Schedule 1
- Full Smart! functionality via the Monta app
- Dynamic charging up to 22kW (32A)
- No earth rod required integrated open PEN conductor protection
- Safe integrated Type A RCD
- OCPP 1.6J connectivity free lifetime over-the-air updates
- Type 2 socket with auto-lock



## 22KW SOCKETED RANGE FEATURES

**THREE PHASE:** CODES: EVWC2S22GR

(22KW / WI-FI / LAN / RFID)

EVWC2S22GGR

(22KW / WI-FI / LAN / 4G / RFID)

TYPE: SOCKETED

SOCKET / PLUG: TYPE 2 SOCKET WITH AUTO LOCK

UP TO 22KW AC 32A MODE 3

MIN CHARGE CURRENT: CONFIGURABLE, 6 - 32A

**ELECTRICAL INPUT:** THREE PHASE 400-415V, 50-60Hz

COLOUR: BASE & BODY RAL 9005 (BLACK)

TRIM - RAL 7016 (ANTHRACITE GREY) OPTIONAL COLOURED TRIMS AVAILABLE AS ACCESSORIES

BUILT IN CABLE WRAP **CABLE MANAGEMENT:** 

**PEN PROTECTION:** YES, IN-BUILT EARTH DISCONNECTION

EARTH ROD: NOT REQUIRED

**RCD PROTECTION:** YES, 6mA DC, 30mA AC TYPE-A, IN-BUILT

**OVERLOAD AND FAULT** 

OVER CURRENT AND FAULT

PROTECTION: PROTECTION

**ELECTRICAL CLASS:** CLASS 1, HOUSING CLASS 2

LOAD BALANCING: REQUIRES 3x EVA120CT1 LOAD

MANAGEMENT KITS (NOT SUPPLIED.

ORDER SEPARATELY)

**METER ACCURACY:** 2% CLASS C EQUIVALENT INTERNAL

METER WITH OPTION FOR CONNECTION TO EXTERNAL RS485 MODBUS METER

**CONSUMER UNIT** 40A MCB OR 30mA TYPE-A RCD **REQUIREMENTS:** (DEPENDENT ON CABLE TYPE &/OR ROUTE)

**TERMINALS:** COMBI SCREW FIRST FIX PLUG

CONNECTOR

**INDICATOR:** RGB LED AND BUZZER

**INDICATOR MODES:** BLUE - STANDBY, FLASHING BLUE -

PREPARING, GREEN - CHARGING, YELLOW - NO NETWORK, RED - ERROR

**HOUSING: UV STABILISED POLYCARBONATE** 

4 POINT WITH HORIZONTAL AND **WALL FIXING:** 

VERTICAL ADJUSTMENT, SUPPLIED FIXING HOLE TEMPLATE. FIXING HOLE CENTRES

110 HORIZONTAL, 145 VERTICAL (MM)

IP / IK RATING: IP55 / IK10

SOC MODULE: AI ESP32-S SOC

WI-FI & ETHERNET: 2.4Ghz 802.11 B/G/N & RJ45

\* Requires a 3-phase electrical supply. 22kW AC charging rates are vehicle dependent, check with manufacturer

† Output may reduce in extreme temperatures to protect the charger

and connected vehicle

WI-FI SECURITY: WPA/WPA2/WPA2-ENTERPRISE/WPS

**BLUETOOTH:** 4.2 BR/EDR and BLE

CONNECTION PROTOCOL: OCPP 1.6

**EVWC2S22GGR ONLY** 4G DATA:

> 3 YEARS INCLUDED, WHEN USED WITH MONTA (ON THE INCLUDED PACKAGE). TOP-UP ONLINE TO CONTINUE SERVICE

AFTER 3 YEARS

APP: POWERED BY MONTA

**OPERATING TEMP:** -25 TO +40°C<sup>†</sup>

**SOFTWARE & FIRMWARE** 

**UPDATE:** 

OVFR-THF-AIR

**WARRANTY:** 3 YEARS

**STANDARDS &** IEC61851-1, IEC61439-7, IEC 62955, IC APPROVALS: 61851-21-2, BS EN62196, EN301 511,

EN 301 908-1/2/13, EN 301 489-3, EN 300 330, EMC COMPLIANT, CE, UKCA, THE ELECTRIC VEHICLES (SMART CHARGE POINTS) REGULATIONS 2021

INCLUDING SCHEDULE 1

SUPPLIED 5x BASE FIXING WASHERS,

5x ASSEMBLY LID BOLTS, 1x BLANKING **ACCESSORIES:** 

PLUG AND 1x 25MM COMPRESSION GLAND, USER-SIDE CONNECTOR, CORD GRIP AND 2x CORD GRIP

ASSEMBLY SCREWS

**DIMENSIONS (MM):** 305 (H) x 201 (W) x 115 (D)

ADDITIONAL: ANTI TAMPER DETECTION - 2 LAYER

PROTECTION, BLUETOOTH TO **BLUETOOTH COMMISSIONING** 

ACCESSORIES : SINGLE CHARGER STAND

(EVASTAND12S)

TWIN CHARGER STAND

(EVASTAND12T)

LOAD MANAGEMENT KIT

(EVA120CT1) CHARGING CABLES COLOURED FASCIAS

(VARIOUS OPTIONS, SEE SYNCEV.CO.UK)

