

Wall Charger 2 Tethered Datasheet

The perfect complement for electric vehicle charging at home, workplace or for fleet service operators

Powered bu

M.ONTA



- Solar Charging multiple charging modes for grid charging and excess solar charging
- Models with Wi-Fi/LAN, Wi-Fi/LAN/4G,
- 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 7.4kW (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
- 7.5m of cable and Type 2 connector
- Socketed 7.4 & 22kW versions also available

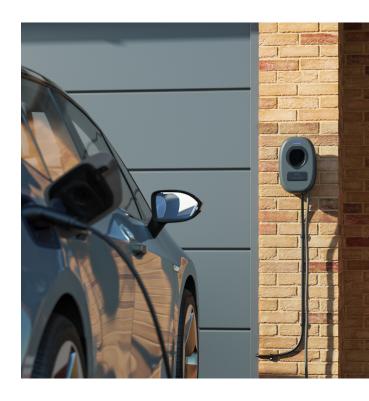


2 models available

Quick and easy installation, with UK based technical support

3 year warranty & fully compliant with UK EV regulations

Compatible with all electric and hybrid plug-in vehicles



TETHERED RANGE FEATURES

CODES: EVWC2T7G

(7.4KW / WI-FI / LAN)

EVWC2T7GG

(7.4KW / WI-FI / LAN / 4G)

TYPE: TETHERED

PLUG / CABLE: TYPE 2 PLUG, 7.5 METRE, BLACK

KW: 7.4KW 32A MODE 3

MIN CHARGE CURRENT: CONFIGURABLE, 6 - 32A

ELECTRICAL INPUT: 220-240V, 50-60Hz, SINGLE PHASE

COLOUR: BASE & TRIM - RAL 9005 (BLACK)

BODY - RAL 7016 (ANTHRACITE GREY)
OPTIONAL COLOURED TRIMS AVAILABLE

AS ACCESSORIES

CABLE MANAGEMENT: BUILT IN CABLE WRAP & GUN HOLSTER

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

FAULT OVER CURRENT AND FAULT

PROTECTION: PROTECTION

ELECTRICAL CLASS: CLASS 1, HOUSING CLASS 2

LOAD BALANCING: SUPPLIED WITH LOAD MANAGEMENT KIT

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

WALL FIXING: 4 POINT WITH HORIZONTAL AND

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

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

BLUETOOTH: 4.2 BR/EDR and BLE

CONNECTION PROTOCOL: OCPP 1.6J

4G DATA: MODEL SPECIFIC

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

SOFTWARE & FIRMWARE

UPDATE:

OVER-THE-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,

ACCESSORIES: 5x ASSEMBLY LID BOLTS, 1x BLANKING

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 TRIMS

(VARIOUS OPTIONS, SEE SYNCEV.CO.UK)

