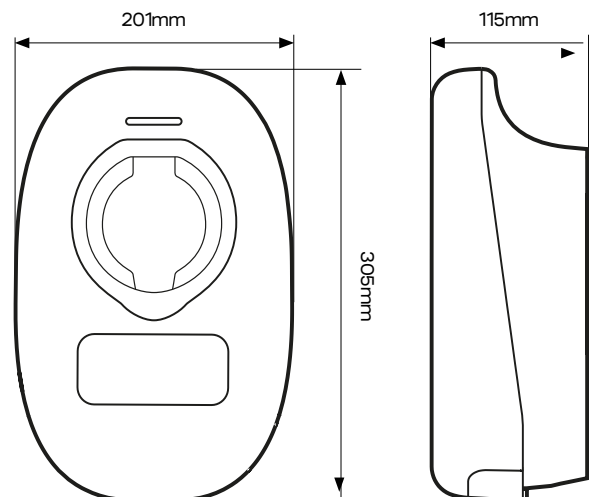


Wall Charger 2 Socketed

- **Integrated Solar Charging** allowing you to utilise excess solar power to charge your EV, maximising the benefits of clean, renewable energy while reducing your energy bills.
- Three phase charging, with upto 22kW power. With a high impact aluminum cover ideal for high use areas
- Available with Wi-Fi/ Lan/ 4G and RFID
- Fully compliant with The Electric Vehicles (Smart Charge Points) Regulations 2021, including Schedule 1
- Full Smart functionality via Monta App and OCPP 1.6J connectivity
- Dynamic charging – up to 22kW (32A)
- No earth rod required – integrated open PEN conductor protection
- Safe – integrated 30mA Type A RCD with 6mA DC
- OCPP 1.6J connectivity – free lifetime over-the-air updates
- Type 2 socket with auto-lock
- Single phase 7.4kW available in socket and tethered options
- Compatible with Balancer for multi-charger site load management



PART NO.	DESCRIPTION	SOCKET TYPE	MAX OUTPUT (kW)	MAX OUTPUT (A)	INPUT VOLTAGE
EVWC2S22GGR-02	Three Phase 22kW / Wi-Fi / LAN / 4G + RFID	Type 2 with Autolock	22kW MODE 3	32A	400-415V



ELECTRICAL SPECIFICATIONS

MAXIMUM CHARGE CURRENT	Configurable, 6-32A	LOAD BALANCING	Compatible with Dynamic Load Balancer or 3 x CT Clamps (Purchased Separately)
INPUT FREQUENCY	50-60hz	OVERLOAD AND FAULT PROTECTION	Over current and over voltage protection
PEN FAULT	Built-in, Earth Disconnection	METER ACCURACY	2% Class C equivalent internal meter with option for connection to external RS485 MDBUS Meter
RCD PROTECTION	Built-in 30mA AC Type A + 6mA DC Protection	TERMINALS	Combi screw first fix plug connector
ELECTRICAL CLASS	Class 1 with Class 2(II) Housing	INDICATOR	RGB LED and Buzzer
CONSUMER UNIT REQUIREMENTS	40A MCB or 30mA Type A RCD (Dependent on cable type &/or route)	INDICATOR MODES	BLUE - Standby, FLASHING BLUE - Preparing, FLASHING GREEN - Finishing, SCROLLING GREEN - Charging, YELLOW - No Network, RED - Error, FLASHING PURPLE - Balancer Error
CABLE MANAGEMENT	Built-in cable wrap	ANTI-TAMPER DETECTION	2 Layer Protection, Bluetooth to Bluetooth commissioning

OPERATING CONDITIONS & CONSTRUCTION

OPERATING	-25 to +55°C	HOUSING	UV Stabilised Polycarbonate
IP RATING	IP65	COLOUR	Base and Body RAL 9005 (Black) Trim (Metallic Silver) Optional Coloured Trims available as accessories
IK RATING	IK10	DIMENSIONS	305 (H) x 201 (W) x 115 (D)
MOUNTING	Wall Mounted, 4-point with horizontal and vertical adjustment, 110mm x 145mm fixing centres		

CONNECTIVITY & ACCESSORIES

SOC MODULE	AI ESP32-S SOC	SOFTWARE & FIRMWARE UPDATE	Over-the-air
WI-FI & ETHERNET	2.4Ghz 802.11 B/G/N & RJ45	STANDARDS & APPROVALS	IEC61851-1, IEC61439-7, IEC 62955, IC 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 Electrical Vehicles (Smart Charge Points) Regulations 2021 including schedule 1
WI-FI SECURITY	WPA/WPA2/WPA2-ENTERPRISE/WPS	SUPPLIED ACCESSORIES	5 x Base Fixing Washers, 5 x Assembly Lid Bolts, 1 x Blanking Plug and 1 x 25mm Compression Gland, User-side Connector, Cord Grip and 2 x Cord Grip Assembly Screws, 1 x EVXRFIDFOB
BLUETOOTH	4.2 BR/EDR and BLE		
CONNECTION PROTOCOL	OCPP 1.6J		
4G DATA	3 years included when used with Monta (on the included package). Top-up online to continue service after 3 years.	ACCESSORIES	*Additional Key Fobs can be ordered using the code EVXRFIDFOB-01 Single Charger Stand - (EVASTAND12S) Twin Charger Stand - (EVASTAND12T) Charging Cables - Various Coloured Trims - Shown below
APP	Powered by Monta		

