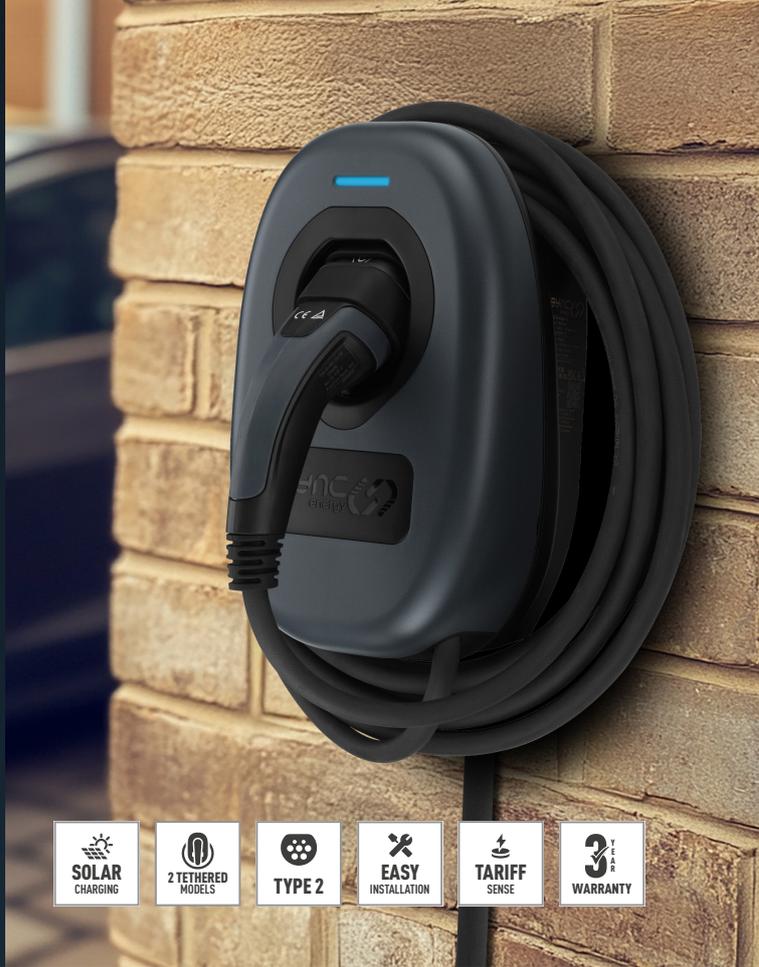
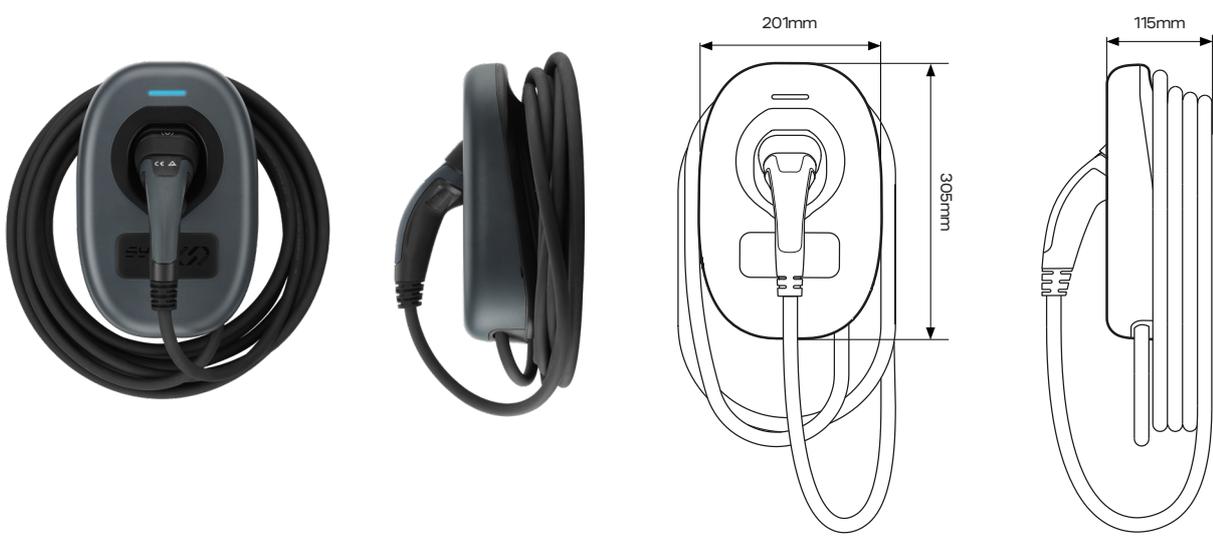


Wall Charger 2 Tethered

- **Auto 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.
- **Tariff Sense** – Our premium energy management feature. Tariff Sense connects to any UK tariff, giving real-time insights and control over charging costs.
- 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 Smart App and OCPP 1.6J connectivity
- Dynamic charging – up to 7.4kW (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
- 7.5m of cable and Type 2 connector
- Socketed 7.4 & 22kW versions also available



PART NO.	DESCRIPTION	TYPE	MAX OUTPUT (kw)	MAX OUTPUT (A)	INPUT VOLTAGE
EVWC2T7G-02	Single Phase 7.4kW / WI-FI / LAN	Tethered Type 2 Plug 7.5m Cable	7.4kW MODE 3	32A	220-240V
EVWC2T7GG-02	Single Phase 7.4kW / WI-FI / LAN / 4G	Tethered Type 2 Plug 7.5m Cable	7.4kW MODE 3	32A	220-240V



ELECTRICAL SPECIFICATIONS

MAXIMUM CHARGE CURRENT	Configurable, 6-32A	LOAD BALANCING	Supplied with Load Management Kit
INPUT FREQUENCY	50-60hz	OVERLOAD AND FAULT PROTECTION	Over current and load 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 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, GREEN – Charging, YELLOW – No Network, RED – Error, PURPLE – Balancer Error
CABLE MANAGEMENT	Built-in cable wrap & Gun holster	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 RAL 9006 (Anthracite Grey) 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	APP	Powered by Sync Energy
WI-FI & ETHERNET	2.4Ghz 802.11 B/G/N & RJ45	SOFTWARE & FIRMWARE UPDATE	Over-the-air
WI-FI SECURITY	WPA/WPA2/WPA2-ENTERPRISE/WPS	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
BLUETOOTH	4.2 BR/EDR and BLE	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
CONNECTION PROTOCOL	OCP 1.6J	ACCESSORIES	Single Charger Stand (EVASTAND12S) Twin Charger Stand (EVASTAND12T) Charging Cables Coloured Trims (VARIOUS OPTIONS, SEE WWW.SYNC.ENERGY)
4G DATA	Model specific 3 years included when used with Sync Energy (on the included package). Top-up online to continue service after 3 years.		