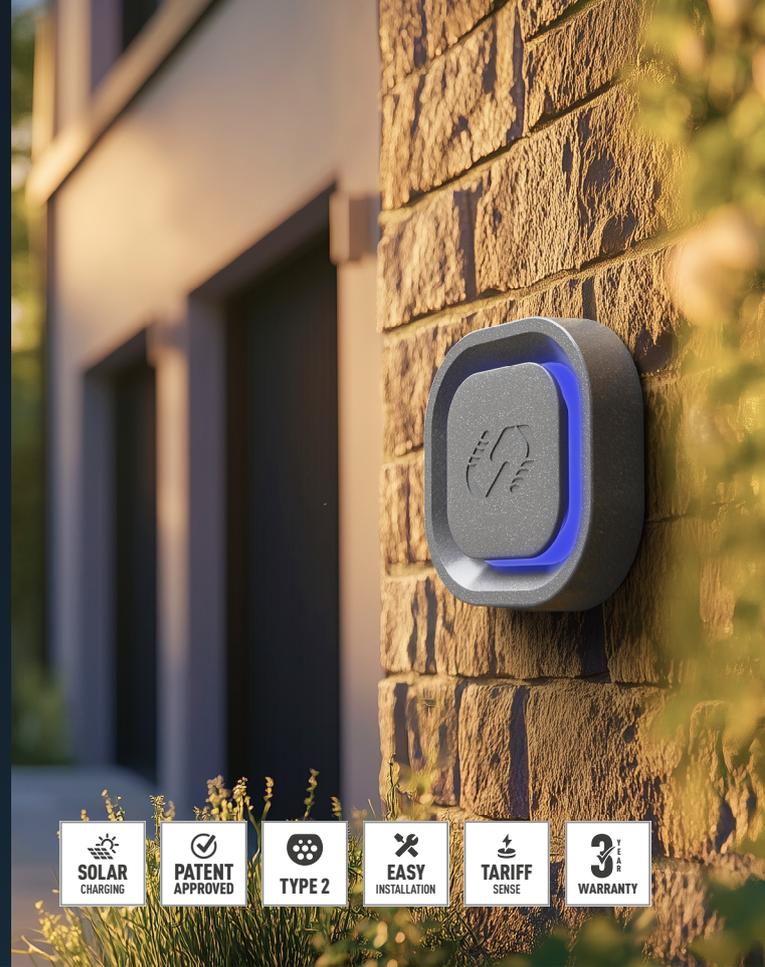
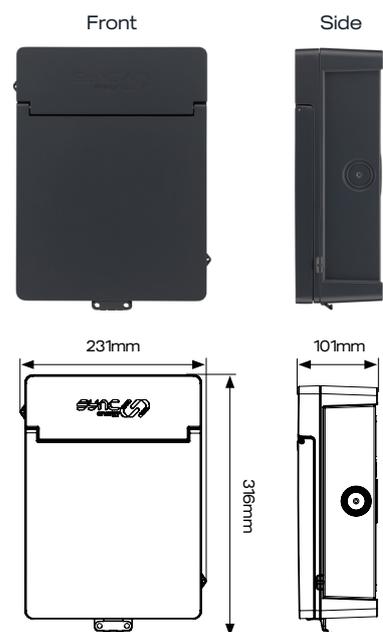
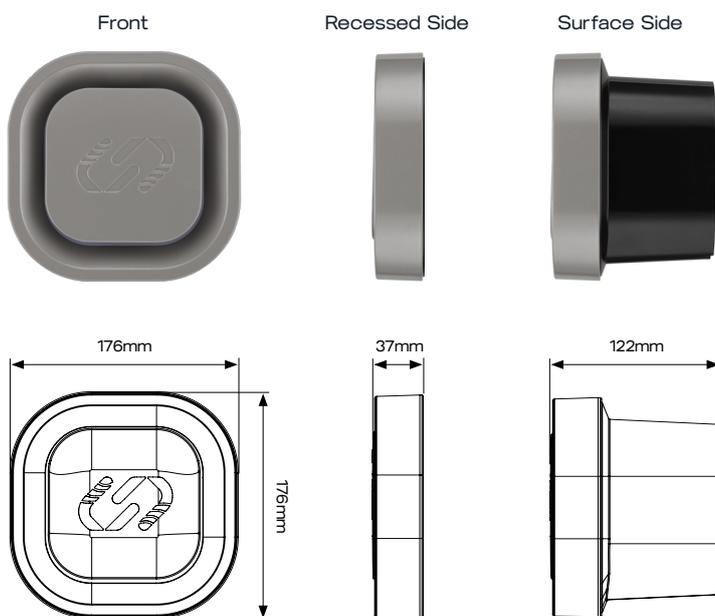


Socketed EV Charger With Metal Control Box

- **Dynamic charging** up to 7.4kW (32A).
- **Slimline Design** only 37mm Deep when recessed, delivering a stylish, modern finish.
- **Retrofittable & Easy to install** with no specialist tools or complex set up required.
- **Integrated Safety** with built-in SPD, 40A MCB, Type A RCD and 6mA DC Protection, eliminating the need for extra upstream devices.
- **Smart Control** easily manage charging via the Sync Energy App with OCPP1.6J connectivity.
- **Versatile Mounting Options** choose between recessed or surface-mounted to fit installation requirements.
- **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** energy management feature connects to any UK tariff, giving real-time insights and control over charging costs.
- **Patent-approved** design.



PART NO.	DESCRIPTION	MAX OUTPUT (kw)	MAX OUTPUT (A)	INPUT VOLTAGE
EVLR7MS	Recessed Socket EV Charger with Metal Control Box - WI-FI / LAN	7.4kW	32A	220-240V
EVLR7MSG	Recessed Socket EV Charger with Metal Control Box - WI-FI / LAN / 4G	7.4kW	32A	220-240V
EVLS7MS	Surface Mounted Socket EV Charger with Metal Control Box - WI-FI / LAN	7.4kW	32A	220-240V
EVLS7MSG	Surface Mounted Socket EV Charger with Metal Control Box - WI-FI / LAN / 4G	7.4kW	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 over voltage protection
PEN FAULT	Built-in, Earth Disconnection	METER ACCURACY	2% Class C equivalent internal meter with option for connection to external RS485 MODBUS Meter
SURGE PROTECTION	Type 2 SPD	TERMINALS	Combi Screw
RCD PROTECTION	30mA Type A Double Pole RCD & 6mA DC	INDICATOR	Control Box and Outlet Halo - RGB LED and Buzzer
OVERCURRENT	40A MCB	INDICATOR MODES	BLUE - Standby, FLASHING BLUE - Preparing, FLASHING GREEN - Finishing, SCROLLING GREEN - Charging, YELLOW - No Network, RED - Error, PURPLE - Balancer Error
MAX DISTANCE FROM CONTROL BOX TO OUTLET	50m	ANTI-TAMPER DETECTION	2 Layer Protection, Bluetooth to Bluetooth commissioning
CONSUMER UNIT REQUIREMENTS	None		

OPERATING CONDITIONS & CONSTRUCTION

OPERATING	-25 to +55°C	HOUSING	Die Cast Aluminium
IP RATING	IP65	COLOUR	Control Box - RAL 7016 Outlet - RAL 9007
IK RATING	IK10	DIMENSIONS	Control Box - 231 (W) x 316 (H) x 100 (D) Outlet Recessed - 176 (W) x 176 (H) x 37 (D) Outlet Surface - 176 (W) x 176 (H) x 122 (D)
MOUNTING	Control Box - 195 (W) x 270 (H) - 4 points Outlet Recessed - 80 x 135 or 135 x 80 - 4 points Outlet Surface - 100 (W) x 80 (H) - 3 points		

CONNECTIVITY & ACCESSORIES

SOC MODULE	AI ESP32-S3 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	Recessed - 5X base fixing washers, 5X assembly lid bolts Surface - 5X assembly Lid Bolts, 1X blanking plug, 1X 25mm compression gland, Cord grip and 2X cord grip assembly screws
BLUETOOTH	4.2 BR/EDR and BLE		
CONNECTION PROTOCOL	Ocpp 1.6J		
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.		
APP	Powered by Sync Energy		