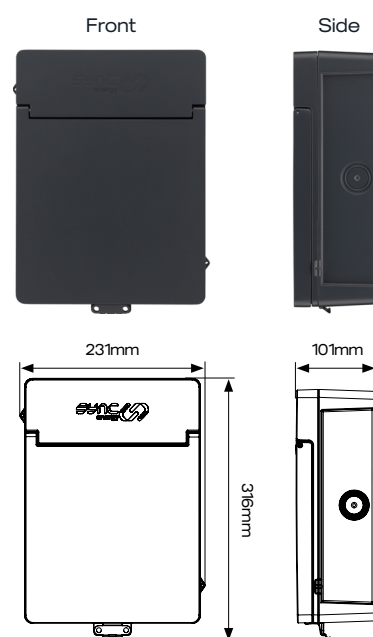
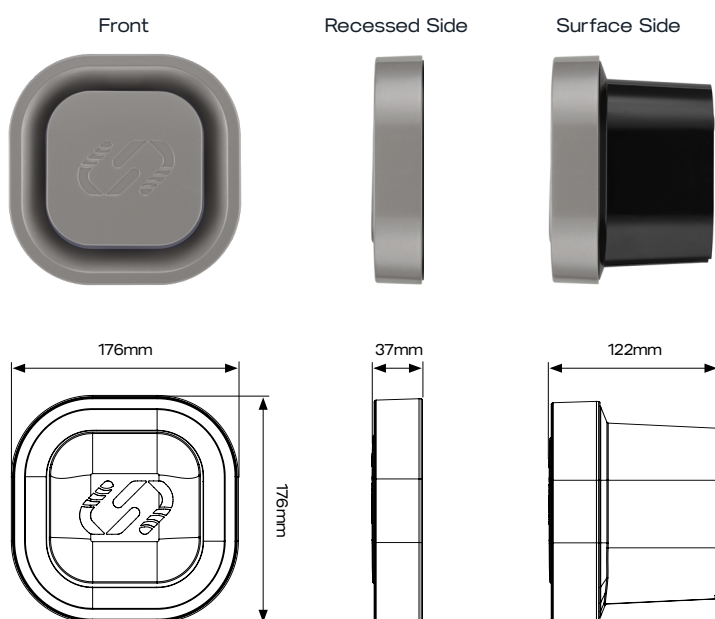


## Socketed EV Charger With Metal Control Box

- **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

|                                                |                                         |                                      |                                                                                                                                                                       |
|------------------------------------------------|-----------------------------------------|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>MAXIMUM CHARGE CURRENT</b>                  | Configurable, 6-32A                     | <b>LOAD BALANCING</b>                | Supplied with Load Management Kit                                                                                                                                     |
| <b>INPUT FREQUENCY</b>                         | 50-60hz                                 | <b>OVERLOAD AND FAULT PROTECTION</b> | Over current and over voltage protection                                                                                                                              |
| <b>PEN FAULT</b>                               | Built-in, Earth Disconnection           | <b>METER ACCURACY</b>                | 2% Class C equivalent internal meter with option for connection to external RS485 MODBUS Meter                                                                        |
| <b>SURGE PROTECTION</b>                        | Type 2 SPD                              | <b>TERMINALS</b>                     | Combi Screw                                                                                                                                                           |
| <b>RCD PROTECTION</b>                          | 30mA Type A<br>Double Pole RCD & 6mA DC | <b>INDICATOR</b>                     | Control Box and Outlet Halo -<br>RGB LED and Buzzer                                                                                                                   |
| <b>OVERCURRENT</b>                             | 40A MCB                                 | <b>INDICATOR MODES</b>               | BLUE - Standby, FLASHING BLUE - Preparing,<br>FLASHING GREEN - Finishing, SCROLLING GREEN -<br>Charging, YELLOW - No Network, RED - Error,<br>PURPLE - Balancer Error |
| <b>MAX DISTANCE FROM CONTROL BOX TO OUTLET</b> | 50m                                     | <b>ANTI-TAMPER DETECTION</b>         | 2 Layer Protection, Bluetooth to Bluetooth commissioning                                                                                                              |
| <b>CONSUMER UNIT REQUIREMENTS</b>              | None                                    |                                      |                                                                                                                                                                       |

## OPERATING CONDITIONS & CONSTRUCTION

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

## CONNECTIVITY & ACCESSORIES

|                                      |                                                                                                                                                    |                                       |                                                                                                                                                                                                                                                |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SOC MODULE</b>                    | AI ESP32-S3 SOC                                                                                                                                    | <b>SOFTWARE &amp; FIRMWARE UPDATE</b> | Over-the-air                                                                                                                                                                                                                                   |
| <b>WI-FI &amp; ETHERNET</b>          | 2.4Ghz 802.11 B/G/N & RJ45                                                                                                                         | <b>STANDARDS &amp; APPROVALS</b>      | IEC61851-1, IEC61439-7, IEC 62955, IC 61851-21-2,<br>BS EN62196, EN301 511, EN 301 908-1/2/13, EN<br>301 489-3, EN 300 330, EMC COMPLIANT, CE,<br>UKCA, The Electrical Vehicles (Smart Charge<br>Points) Regulations 2021 including schedule 1 |
| <b>WI-FI SECURITY</b>                | WPA/WPA2/WPA2-ENTERPRISE/WPS                                                                                                                       | <b>SUPPLIED ACCESSORIES</b>           | Recessed - 5X base fixing washers, 5X<br>assembly lid bolts<br>Surface - 5X assembly Lid Bolts, 1X blanking<br>plug, 1X 25mm compression gland, Cord grip and<br>2X cord grip assembly screws                                                  |
| <b>BLUETOOTH CONNECTION PROTOCOL</b> | 4.2 BR/EDR and BLE<br>OCPP 1.6J                                                                                                                    |                                       |                                                                                                                                                                                                                                                |
| <b>4G DATA</b>                       | Model specific<br>3 years included when used with<br>Sync Energy (on the included package).<br>Top-up online to continue service after<br>3 years. |                                       |                                                                                                                                                                                                                                                |
| <b>APP</b>                           | Powered by Sync Energy                                                                                                                             |                                       |                                                                                                                                                                                                                                                |