

# Wall Charger 2 Socketed

- **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 energy management feature connects to any UK tariff, giving real-time insights and control over charging costs.
- Models with Wi-Fi/LAN, Wi-Fi/LAN/4G, Wi-Fi/LAN/4G+RFID
- Fully compliant with The Electric Vehicles (Smart Charge Points) Regulations 2021, including Schedule 1
- Full Smart functionality via Sync Energy App and OCPP 1.6J connectivity
- Dynamic charging – up to 7.4 (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
- Tethered version also available



PART NO.	DESCRIPTION	SOCKET TYPE	MAX OUTPUT (kw)	MAX OUTPUT (A)	INPUT VOLTAGE
EVWC2S7G-02	Single Phase 7.4KW / WI-FI / LAN	Type 2 with Autolock	7.4kW MODE 3	32A	220-240V
EVWC2S7GG-02	Single Phase 7.4KW / WI-FI / LAN / 4G	Type 2 with Autolock	7.4kW MODE 3	32A	220-240V
EVWC2S7GGR-02	Single Phase 7.4KW / WI-FI / LAN / 4G + RFID	Type 2 with Autolock	7.4kW MODE 3	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 MDBUS Meter
<b>RCD PROTECTION</b>	Built-in 30mA AC Type A Protection	<b>TERMINALS</b>	Combi screw first fix plug connector
<b>ELECTRICAL CLASS</b>	Class 1 with Class 2(II) Housing	<b>INDICATOR</b>	RGB LED and Buzzer
<b>CONSUMER UNIT REQUIREMENTS</b>	40A MCB or 30mA Type A RCD (Dependent on cable type &/or route)	<b>INDICATOR MODES</b>	BLUE - Standby, FLASHING BLUE - Preparing, FLASHING GREEN - Finishing, SCROLLING GREEN - Charging, YELLOW - No Network, RED - Error, PURPLE - Balancer Error
<b>CABLE MANAGEMENT</b>	Built-in cable wrap	<b>ANTI-TAMPER DETECTION</b>	2 Layer Protection, Bluetooth to Bluetooth commissioning

## OPERATING CONDITIONS & CONSTRUCTION

<b>OPERATING</b>	-25 to +55°C	<b>HOUSING</b>	UV Stabilised Polycarbonate
<b>IP RATING</b>	IP65	<b>COLOUR</b>	Base and Body RAL 9005 (Black) Trim RAL 9006 (Anthracite Grey) Optional Coloured Trims available as accessories
<b>IK RATING</b>	IK10	<b>DIMENSIONS</b>	305 (H) x 201 (W) x 115 (D)
<b>MOUNTING</b>	Wall Mounted, 4-point with horizontal and vertical adjustment, 110mm x 145mm fixing centres		

## CONNECTIVITY & ACCESSORIES

<b>SOC MODULE</b>	AI ESP32-S 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, 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
<b>WI-FI SECURITY</b>	WPA/WPA2/WPA2-ENTERPRISE/WPS	<b>SUPPLIED ACCESSORIES</b>	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 RFID Key Fob (EVWC2S7GGR ONLY)*
<b>BLUETOOTH</b>	4.2 BR/EDR and BLE	<b>ACCESSORIES</b>	*Additional Key Fobs can be ordered using the code EVXRFDFOB-01 Single Charger Stand - (EVASTAND12S) Twin Charger Stand - (EVASTAND12T) Charging Cables - Various Coloured Trims - Shown below
<b>CONNECTION PROTOCOL</b>	Ocpp 1.6J		
<b>4G DATA</b>	Model specific 3 years included when used with Sync Energy (on the included package). Top-up online to continue service after 3 years.		
<b>APP</b>	Powered by Sync Energy		



EVWC2TPAG  
Anthracite Grey



EVWC2TPSR  
Signal Red



EVWC2TPSY  
Sandstone Yellow



EVWC2TPRG  
Racing Green



EVWC2TPBG  
Blue Grey



EVWC2TPTW  
Traffic White



EVWC2TRB  
Jet Black



EVWC2TPSG  
Signal Grey



EVWC2TPBG  
Deep Blue



EVWC2TMMS  
High Impact Metal