







# The smart way to charge

Packed with Smart technology, SyncEV BG charging stations are the perfect complement for electric vehicle charging at home, workplace or for fleet service operators



-  5 models - x3 socket, x2 tethered
-  Quick and easy installation, with UK based technical support
-  3 year warranty & DEKRA certified
-  Compatible with all electric and hybrid plug-in vehicles

- Models with Wi-Fi, Wi-Fi+GSM and Wi-Fi+GSM+RFID
- Full Smart! functionality via SyncEV BG app
- Dynamic charging - up to 7.4 kW (32A)
- No earth rod required - integrated open PEN conductor protection
- Safe - integrated RCD + PEN protection
- OCPP 1.6J connectivity - free lifetime over-the-air updates
- Socket models - Type 2 socket with auto-lock
- Tethered models - 7.5m cable with Type 2 plug



View the range at [syncev.co.uk](https://www.syncev.co.uk)

## RANGE FEATURES

<b>KW :</b>	7.4KW 32A MODE 3
<b>MIN CHARGE CURRENT :</b>	CONFIGURABLE, 6 - 32A
<b>ELECTRICAL INPUT :</b>	220-240V, 50-60Hz, SINGLE PHASE
<b>COLOUR :</b>	BASE & TRIM - RAL 9005 (BLACK) BODY - RAL 7016 (GRAPHITE GREY)
<b>CABLE MANAGEMENT :</b>	BUILT IN CABLE WRAP
<b>PEN PROTECTION :</b>	YES, IN-BUILT EARTH DISCONNECTION
<b>EARTH ROD :</b>	NOT REQUIRED
<b>RCD PROTECTION :</b>	YES, 6mA DC, 30mA TYPE-A, IN-BUILT
<b>OVERLOAD AND FAULT PROTECTION :</b>	OVER CURRENT AND FAULT PROTECTION
<b>ELECTRICAL CLASS :</b>	CLASS 1, HOUSING CLASS 2
<b>LOAD BALANCING :</b>	YES, OPTIONAL ACCESSORY
<b>CONSUMER UNIT REQUIREMENTS :</b>	40A MCB OR 30mA TYPE-A RCD (Dependent on cable type &/or route)
<b>TERMINALS :</b>	FIRST FIX PLUG CONNECTOR
<b>INDICATOR :</b>	RGB LED AND BUZZER
<b>INDICATOR MODES :</b>	BLUE - STANDBY, GREEN - CHARGING, YELLOW - NO NETWORK, RED - ERROR
<b>OPTIONS :</b>	SEE TABLE BELOW
<b>HOUSING :</b>	UV STABILISED POLYCARBONATE
<b>WALL FIXING :</b>	4 point with horizontal and vertical adjustment, supplied fixing hole template

<b>IP RATING :</b>	IP55
<b>IK RATING :</b>	IK10
<b>SOC MODULE :</b>	AI ESP32-S SOC
<b>ETHERNET :</b>	RJ45
<b>WI-FI :</b>	2.4Ghz 802.11 b/g/n/e/i
<b>WI-FI SECURITY :</b>	WPA/WPA2/WPA2-ENTERPRISE/WPS
<b>BLUETOOTH :</b>	4.2 BR/EDR and BLE
<b>RFID :</b>	SUPPORTS ISO14443, READS M1 CARDS
<b>CONNECTION PROTOCOL:</b>	OCPP 1.6j
<b>APP AND BACK OFFICE :</b>	SYNC EV
<b>OPERATING TEMP :</b>	-25 TO +40°C
<b>SOFTWARE &amp; FIRMWARE UPGRADE :</b>	OVER-THE-AIR
<b>WARRANTY :</b>	3 YEARS
<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, DEKRA CERTIFIED
<b>SUPPLIED ACCESSORIES :</b>	5x base fixing caps, 5x assembly lid bolts, 1x blanking plug and 1x 25mm compression gland, user-side connector, cord grip and 2x cord grip assembly screws
<b>ADDITIONAL :</b>	BUILT-IN SPIRIT LEVEL



<b>CODE :</b>	<b>EV57G</b>	<b>EV57GG</b>	<b>EV57GGR</b>	<b>EVT77G</b>	<b>EVT77GG</b>
<b>TYPE :</b>	SOCKET	SOCKET	SOCKET	TETHERED	TETHERED
<b>SOCKET/PLUG :</b>	TYPE 2 SOCKET WITH AUTO LOCK	TYPE 2 SOCKET WITH AUTO LOCK	TYPE 2 SOCKET WITH AUTO LOCK	TYPE 2 PLUG	TYPE 2 PLUG
<b>CABLE:</b>	N/A	N/A	7.5 METRE, BLACK H07BZ5-F3x6mm <sup>2</sup> +2x0.5mm <sup>2</sup> , TPU	7.5 METRE, BLACK H07BZ5-F3x6mm <sup>2</sup> +2x0.5mm <sup>2</sup> , TPU	7.5 METRE, BLACK H07BZ5-F3x6mm <sup>2</sup> +2x0.5mm <sup>2</sup> , TPU
<b>COMMUNICATION :</b>	WI-FI	WI-FI + 4G GSM	WI-FI + 4G GSM + RFID	WI-FI	WI-FI + GSM
<b>DIMENSIONS :</b>	297 (H) X 223 (W) X 121 (D) MM			260 (H) X 204 (W) X 139 (D) MM	