



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

RANGE FEATURES

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

IP RATING :	IP55
IK RATING :	IK10
SOC MODULE :	AI ESP32-S SOC
ETHERNET :	RJ45
WI-FI :	2.4Ghz 802.11 b/g/n/e/i
WI-FI SECURITY :	WPA/WPA2/WPA2-ENTERPRISE/WPS
BLUETOOTH :	4.2 BR/EDR and BLE
RFID :	SUPPORTS ISO14443, READS M1 CARDS
CONNECTION PROTOCOL:	OCPP 1.6j
APP AND BACK OFFICE :	SYNC EV
OPERATING TEMP :	-25 TO +40°C
SOFTWARE & FIRMWARE UPGRADE :	OVER-THE-AIR
WARRANTY :	3 YEARS
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, DEKRA CERTIFIED
SUPPLIED ACCESSORIES :	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
ADDITIONAL :	BUILT-IN SPIRIT LEVEL



CODE :	EVS7G	EVS7GG	EVS7GGR	EVT77G	EVT77GG
TYPE :	SOCKET	SOCKET	SOCKET	TETHERED	TETHERED
SOCKET/PLUG :	TYPE 2 SOCKET WITH AUTO LOCK	TYPE 2 SOCKET WITH AUTO LOCK	TYPE 2 SOCKET WITH AUTO LOCK	TYPE 2 PLUG	TYPE 2 PLUG
CABLE:	N/A	N/A	7.5 METRE, BLACK H07BZ5-F3x6mm ² +2x0.5mm ² , TPU	7.5 METRE, BLACK H07BZ5-F3x6mm ² +2x0.5mm ² , TPU	7.5 METRE, BLACK H07BZ5-F3x6mm ² +2x0.5mm ² , TPU
COMMUNICATION :	WI-FI	WI-FI + 4G GSM	WI-FI + 4G GSM + RFID	WI-FI	WI-FI + GSM
DIMENSIONS :	297 (H) X 223 (W) X 121 (D) MM			260 (H) X 204 (W) X 139 (D) MM	