



# The smart way to charge

Packed with Smart technology, BG SyncEV charging stations are the perfect solution for electric vehicle charging at home and the workplace.





# Why choose BG Sync EV?

With over 80 years experience in the electrical industry, BG SyncEV (part of the Luceco PLC Group) inspires confidence and trust.

Our range of EV charging products for home or the workplace are smart, powerful and safe, packed full of technology to future proof your investment.



## Smart

We optimise EV charging for the cheapest, greenest energy possible.

Track usage and costs all within our easy to use app.



## Safe

Built-in RCD and PEN protection.

No need for complex and expensive earth-rod installations, and our safety RCD protection ensures peace of mind against electrical shocks or short circuits.



## Reliable

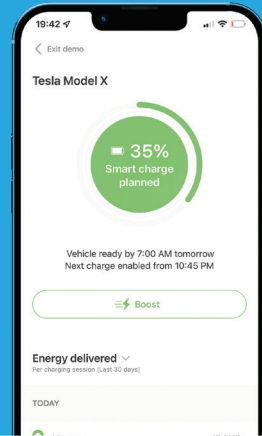
Covered by a 3 year warranty\* as standard, telephone & online technical support, and guaranteed compatibility with all EV makes and models.

# Compatible with all electric and hybrid plug-in vehicles



# A greener, simpler way to charge your EV

Use the ev.energy app to smart charge your electric vehicle – the simple way to lower your carbon usage and make savings on your home energy bill



## How does it work?



Set your ready by time – we'll communicate with your car and take care of the rest



Save money and CO<sub>2</sub> by automatically charging when greener, cheaper energy is more readily available\*

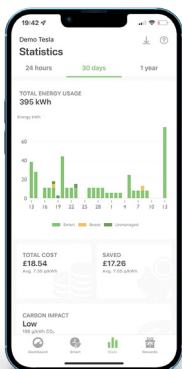


Track cost and energy use from your charging sessions at home and away

\*only with compatible energy tariffs

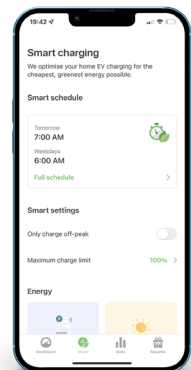
## Smart charge your EV

- ✓ Schedule start times to charge your vehicle during your energy supplier's off-peak period
- ✓ Only need a partial charge? – Set your minimum and maximum kWh to ensure you have the power you need
- ✓ Need your car immediately? – Override smart charging to Boost the charge



## Track your usage

- ✓ Our app provides visibility on cost, energy consumed and time charging – at home and on-the-go



# EV Chargers

Packed with Smart technology, BG SyncEV charging stations are the perfect solution for electric vehicle charging at home, and at the workplace.

**5 Standard models available:** x2 Tethered, x3 Socket.

Plus the COMPACT Socket Charger – **The smallest EV Charger on the market.**

## Features:

- Quick and easy installation – with UK based technical support
- Full Smart functionality via ev.energy App
- Configurable charging – up to 7.4 kW (32A)
- Optional Dynamic charging
- No earth rod required – integrated open PEN conductor protection
- Safe – Integrated type A 30mA RCD with 6mA DC protection
- OCPP 1.6j connectivity – free lifetime over-the-air updates
- Compatible with all electric and hybrid plug-in vehicle



## Tethered models

- 7.5m cable with Type 2 plug
- Complies with ALL Electric Vehicles Smart Charge Point Regulations
- Includes Type 2 wall holster



CODE :

EVT77G

EVT77GG

COMMUNICATION :

Wi-Fi + Ethernet

Wi-Fi + Ethernet + 4G



Type 2 wall holster  
EVHLD

# Socket models

- Type 2 socket with auto-lock
- Models with Wi-Fi, Wi-Fi + 4G and Wi-Fi + 4G + RFID options
- Complies with ALL Electric Vehicles Smart Charge Point Regulations



CODE:	COMMUNICATION :
EVS7G	Wi-Fi + Ethernet
EVS7GG	Wi-Fi + Ethernet + 4G
EVS7GGR	Wi-Fi + Ethernet + 4G + RFID

# Compact charger – Smallest EV charger on the market

- Type 2 socket with auto-lock
- Models with Wi-Fi, Wi-Fi + 4G and Wi-Fi + 4G + RFID options
- Complies with ALL Electric Vehicles Smart Charge Point Regulations
- Full Smart functionality via SyncEV app



CODE :	COMMUNICATION :
EVCP-7KW-S-1PH: 32A BLACK	Wi-Fi + RFID
EVCP-7KW-S-1PH: 32A BLACK	Wi-Fi + 4G + RFID
EVCP-7KW-S-1PH: 32A WHITE	Wi-Fi + RFID
EVCP-7KW-S-1PH: 32A WHITE	Wi-Fi + 4G + RFID

# Mode 2 chargers

Perfect for travelling to destinations that only offer a standard 13A plug socket, suitable for all plug-in electric vehicles.



- Provides safe and intelligent portable EV charging
- UK 3 pin plug to Type 1 or Type 2 EV plug
- Charges up-to 10A, 2.4kW (Mode 2) – up to 8 miles per charging hour
- IP54 rated protection
- 1 year warranty

CODE :	TYPE :	LENGTH :
EVCPC1135SL	UK 3-PIN – TYPE 1	5 METRE
EVCPC11310SL	UK 3-PIN – TYPE 1	10 METRE
EVCPC2135SL	UK 3-PIN – TYPE 2	5 METRE
EVCPC21310SL	UK 3-PIN – TYPE 2	10 METRE

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# Cables

Suitable for home or public use, offering options for Type 1, Type 2 and 3-phase.



- Type 1, Type 2, and Type 2 3-phase available
- Robust construction with end protectors
- Suitable for 16 & 32A sockets
- Weather resistant IP55 rated
- 5 & 8 metre lengths

CODE :	TYPE :	LENGTH :
EVC22325SL	TYPE 2 – TYPE 2	5 METRE
EVC22328SL	TYPE 2 – TYPE 2	8 METRE
EVC2135SL	TYPE 2 – TYPE 1	5 METRE
EVC22325TL	TYPE 2 – TYPE 2 3-PHASE	5 METRE

# Accessories



Load management kit (EVS/EVT models)  
**EVA120CT1**



Load management kit (EVCP models)  
**SYNC-LMK**



Type 2 wall holster  
**EVHLD**



Charging cable carry case  
**EVCASE**



Charger stand (EVS/EVT models)  
**EVASTAND12S**

\*3 year warranty valid upon installation and online registration by a nominated SyncEV installer. See [syncev.co.uk](http://syncev.co.uk) for more details

# EV Charger Circuit Protection

Designed specifically for use with EV vehicle chargers to allow for internal and external wiring applications and are 18th Edition Amendment 2 compliant.



- Quick and easy installation
- Type 2 SPD included
- IP rated protection
- 10 year warranty



CODE :	TYPE :	APPLICATION :
<b>CFEV1A</b>	40A TYPE A RCD – 40A B CURVE MCB – TYPE 2 SPD – GREY	External
<b>CFEV2</b>	100A MAIN SWITCH – 40A B CURVE MCB – TYPE 2 SPD – GREY	External
<b>CFEV1RDA</b>	40A TYPE A DOUBLE POLE RCBO – 100A MAIN SWITCH – TYPE 2 SPD – GREY	External
<b>CFUEV1A</b>	TYPE A RCD – 40A B CURVE MCB – TYPE 2 SPD	Internal
<b>CFUEV2</b>	100A MAIN SWITCH – 40A B CURVE MCB – TYPE 2 SPD	Internal
<b>CFUEV1RDA</b>	40A TYPE A DOUBLE POLE RCBO – 100A MAIN SWITCH – TYPE 2 SPD	Internal
<b>CUMB40</b>	40A B Curve MCB	For BG Fortress Consumer Units

**UK:****HEAD OFFICE:**

Email: [info@syncev.co.uk](mailto:info@syncev.co.uk)

Luceco plc, Caparo House  
103 Baker Street, London  
England, W1U 6LN

**DISTRIBUTION CENTRE:**

Tel: +44 (0) 1952 238 100

Email: [info@syncev.co.uk](mailto:info@syncev.co.uk)

Luceco plc  
Luceco Distribution Centre  
Stafford Park 1, Telford  
Shropshire, England, TF3 3BD

**FRANCE:**

Email: [fr\\_sales@luceco.com](mailto:fr_sales@luceco.com)

**ITALY:**

Email: [it\\_sales@luceco.com](mailto:it_sales@luceco.com)

**SPAIN:**

Tel: +34 93 829 55 75

Email: [es\\_sales@luceco.com](mailto:es_sales@luceco.com)

Nexus Industries LTD  
C/ Bobinadora 1-5  
08302 Mataró  
Barcelona (SPAIN)

**MIDDLE EAST:**

Tel: +971 4 609 1867

Email: [mea\\_sales@luceco.com](mailto:mea_sales@luceco.com)

Luceco Middle East FZCO  
Bldg. 5EB, Office 342  
PO Box 371128, DAFZA  
Dubai, UAE

**ASIA PACIFIC:****JIAXING:**

Tel: +86 (0) 573 8357 0200

Email: [asia\\_sales@luceco.com](mailto:asia_sales@luceco.com)

No 1438, Jiachuang Road  
Xiuzhou Industrial Park, Jiaxing  
Zhejiang, China, P.C. 314031

**HONG KONG:**

Email: [hk\\_sales@luceco.com](mailto:hk_sales@luceco.com)

**UNITED STATES:**

Email: [us\\_sales@luceco.com](mailto:us_sales@luceco.com)

**MEXICO & LATIN AMERICA:**

Tel: +52 (81) 5000 9437

Email: [ventas@luceco.com](mailto:ventas@luceco.com)

Luceco México  
AV Lázaro Cárdenas #318 int 201  
Col Real San Agustín  
San Pedro Garza García  
N.L. Mexico CP 66278

**AFRICA:**

Tel: +27 11 432 6779

Email: [africa\\_sales@luceco.com](mailto:africa_sales@luceco.com)

Unit 2, Cedarwood Office Park  
Cnr. Western Service and  
Mount Lebanon Road, Woodmead,  
South Africa, 2144

**TECHNICAL SUPPORT:**

Tel: 0330 311 8388

Email: [support@syncev.co.uk](mailto:support@syncev.co.uk)

Lines open Monday to Friday  
8.30am to 5pm, with answer phone  
service outside these hours.



[www.syncev.co.uk](http://www.syncev.co.uk) | [info@syncev.co.uk](mailto:info@syncev.co.uk) | 01952 983 940



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