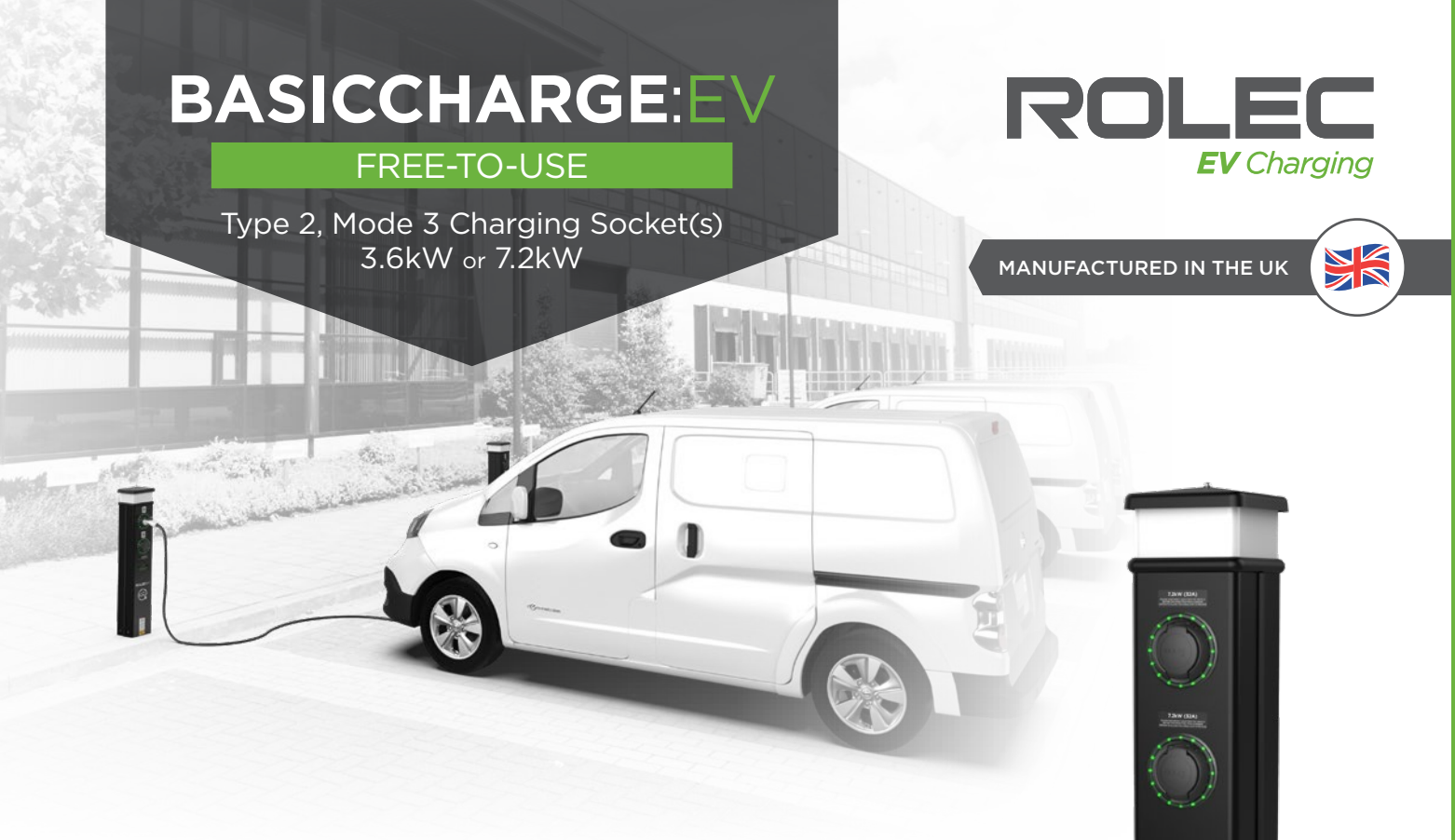
BASICCHARGE:EV

FREE-TO-USE

Type 2, Mode 3 Charging Socket(s)
3.6kW or 7.2kW

ROLEC
EV Charging

MANUFACTURED IN THE UK



Unit shown: BASICCHARGE:EV
2way Socket (Type 2) Charging Pedestal

The BASICCHARGE:EV pedestal replicates Rolec's world-leading Classic utility pedestal, which now boasts over 150,000 units sold worldwide.

This mass produced, tried and tested pedestal is both, an affordable and adaptable EV charging solution. Suitable for a variety of different locations, including: private car parks, offices, factories, hotels, cinemas, leisure centres, shops, warehouses, hospitals, schools, depots – in fact any moderately secure environment.

Available in either 1way or 2way versions, providing Mode 3 fast charging in 3.6kW or 7.2kW speeds.

PRODUCT FEATURES

- Mode 3 (IEC 61851-1) fast charging
- Available in 1way & 2way versions
- 3.6kW (16A) & 7.2kW (32A) charging speeds
- Type 2 (IEC 62196) charging socket(s) c/w security hatchlock(s)
- Photocell controlled LED amenity lighting head
- Surface or root mountable
- Built-in AC overload and fault current protection
- Built-in DC sensitive protection
- Built-in LED charging status indicator socket halo(s)
- Easy to install & maintain
- IP rated
- UV stabilised
- Corrosion resistant

Free To Use

Branding & Colour Options Available

LED Amenity Lighting

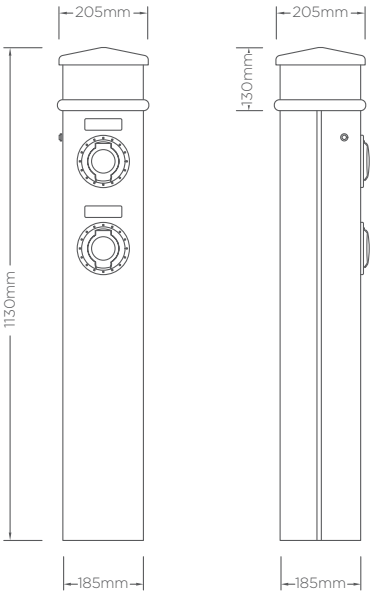
IP Rated

UV Stabilised

CE Certified

SPECIFICATIONS

Product Code	EVCL2005	EVCL2006	EVCL2015	EVCL2016
Charging Socket(s)	1x Type 2 (IEC 62196)		2x Type 2 (IEC 62196)	
Rated Output	3.6kW	7.2kW	3.6kW	7.2kW
Rated Current	16A	32A	16A	32A
Charge Protocol	Mode 3			
Input Voltage	230V AC/50Hz (Single Phase)			
AC Overload Protection	1x 20A	1x 40A	2x 20A	2x 40A
AC Fault Protection	30mA			
DC Fault Protection	6mA			
Cable Terminals	3x 50mm			
Standby Consumption	Approx 0.3kW per day			
Certifications & Compliances CE	EV Charging Compliance – EN 61851-1:2001, EN 61851-21:2002, EN 61851-22:2002 Wiring Regulations – BS 7671 EMC Compliance – EN 61000-6-3:2007, EN 61000-6-2:2005 Safety Compliance (LVD) – 2014/35/EU Environmental Protection – Enclosure IP65, Socket IP54 (BS EN 60529:1992+A2:2013)			
Dimensions	205mm x 1130mm x 205mm (W x H x D)			
Pedestal Material	High impact resistant aluminium composite outer shell			
Internal Chassis	Heavy duty, hot dipped galvanised steel			
Operating Temperature	-30°C to +50°C			
Standard Body Colour	Black (Other colours available upon request)			



Optional ground mounting base

OPTIONS & ACCESSORIES

- Key switch control charging
- Available with powder coated aluminium outer shell
- Available with powder coated stainless steel outer shell
- IP65 protected 13A domestic socket (Mode 2 charging or maintenance)
- Built-in class 1 **MID** compliant kWh meter
- Built-in time clock providing charge time management
- Corporate branding (colours, logo badge, etc.)
- Galvanised steel ground mounting base
- Protection barriers
- Charge point signage
- EV charging cables (Type 1 to Type 2 or Type 2 to Type 2)

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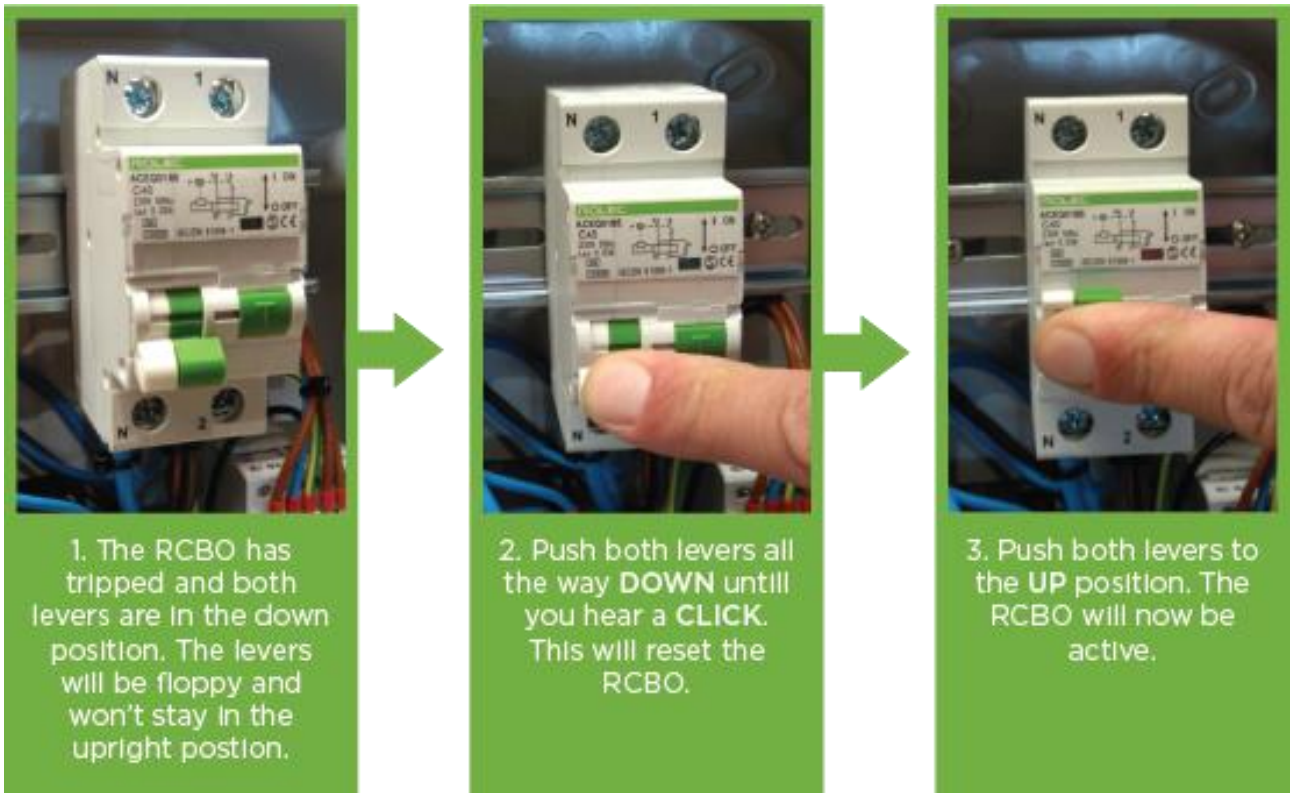
EV: BASICCHARGE PEDESTAL

This instruction is applicable to the following BasicCharge EV Pedestal products: EVCL2005, EVCL2006, EVCL2015, EVCL2016 & EVCL2024

INSTALLATION NOTES:

NOTE: In the event of a product issue always contact the place of purchase.

NOTE: To Set / Reset the RCBO follow the 3 simple steps below:



INSTALLATION INSTRUCTIONS

All installation work is to be carried out by a competent and suitably qualified engineer.

1. Carefully remove the pedestal and mounting base (if supplied) from the packaging and check that both are undamaged.

2. If a base is supplied:

   - Prepare and set the ground mounting base in the desired location, making sure the base top surface is two or three millimetres higher than the ground level. Concrete into place, with the electrical service cable fed up through the middle of the base.
   - Remove and retain the four fixing bolts from the bottom of the outer pedestal skins. Ease the skins out from the base of the unit to gain access to the interior, taking care not to damage or put strain on the cable connectors.
   - Cut a neat hole in the supplied rubber splash mat to facilitate the electrical cable and fit over the four studs of the ground mounting base
   - Carefully lift the pedestal and fit the chassis onto the ground mounting base, aligning the four holes in the chassis with the four studs of the base
   - Feed the electrical cable up through the chassis base plate
   - Secure the chassis to the ground mounting base with the supplied nuts and washers

3. If a base is not supplied:

- Prepare a suitable area of flat ground with a means of fixing the chassis of the pedestal to the ground
- Remove and retain the four fixing bolts from the bottom of the outer pedestal skins. Ease the skins out from the base of the unit to gain access to the interior, taking care not to damage or put strain on the cable connectors
- Cut a neat hole in the supplied rubber splash mat to facilitate the electrical cable and fit over the cable.
- Carefully lift the pedestal and secure in place with suitable fastenings
- Feed the electrical cable up through the chassis base plate

4. Terminate the supply cable, Including the Earth arrangements, in Compliance with 18th Edition IET Wiring Regulations.

5. Check all terminal connections are secure and have not come loose during transit.

6. Switch on the two overload/fault current devices (main power & LED lamp).

7. Refit the outer pedestal skins by inserting them in the channel in the divide located under the lens and then feeding them into the extrusion running down the side of the chassis. Refit the four securing bolts.

8. Switch on the power to the unit and test in accordance with current regional electrical regulations.

OPERATING INSTRUCTIONS

Status Indicator Guide

- Flashing blue light - Ready for Charge (IEC socket only)
- Fixed blue light - Cable plugged in but not charging
- Fixed green light - Charging in progress
- Flashing red light - Fault indicated - Switch off unit at source and switch back on after 20 secs to clear fault. If fault persists, contact your installer

Vehicle Charging

- Ensure the status indicator shows a blue light
- Insert your charging cable into the vehicle first and then insert the other end into the charging point socket
- Ensure the status indicator changes to a fixed green light
- To disconnect: remove the plug from the vehicle first then remove the plug from the charging point socket; this allows time for the lock to disengage in the socket

LED Lamp

- Cover the light sensor, located on the left hand side of the front skin and ensure that the LED lamp illuminates
- Uncover the light sensor and ensure that the LED lamp extinguishes

13 A socket (if fitted)

- Ensure the switchgear is turned on
- Open the flap and plug in
- Upon completion, unplug and secure the flap

Key Switch option (if fitted)

Set the key switch to On to activate; the key may then be removed. To deactivate, insert the key and turn: the key may then be removed.

Amp Selector option (if fitted)

Set the selector to the required position 16A or 32A prior to connecting to the vehicle.

Solar Switch option (if fitted)

Set the switch to the required position 6A, 13A,16A or 32A prior to connecting to the vehicle.

Time Clock option (if fitted)

For units fitted with a time clock option set the clock as follows:

- Lift the hinged timer cover to access the dial
- Set the tabs to the right to select the time of the charge and its duration
- Set the dial to display the current time
- Set the three position On/Clock/Off switch to the central (clock) position
- Close the hinged timer cover

To override the clock and have the unit on permanently, set the three position On/Clock/Off switch to the On position.

To prevent timer operation set the three position On/Clock/Off switch to the Off position.

kWh Meter (if fitted)

- Unscrew and lift the top flap to view the kWh meter. The meter displays the total supplied kWh.
- Upon completion, ensure the flap is closed and secured

MAINTENANCE INSTRUCTIONS

- The Pedestal external surface should be cleaned regularly with a damp cloth
- The Pedestal should be electrically inspected annually
- The Pedestal should be visually inspected for damage
- The switchgear should be tested monthly by pressing the test button