



# Brim Chargers

7.4kW Universal Charger  
BR-AC7000-01

The New Build EV Charger Experts





## Brim 7.4kW Smart Charger

Brim Chargers, EV specialists working exclusively within the New Build Home sector. Our homebuilder centric ethos helps us understand the headaches faced when designing and installing the EV infrastructure. Brim's in-house design team assess site plans, designing out conveyancing challenges reducing costs and time.

Introducing the 7.4kW charger, with its sleek and simple design, this charger is adaptable to suit site and developer needs. Wall and post-mountable options available.

With one of the quickest and easiest installs on the market, our EV chargers come pre-commissioned, eliminating the need for unreliable 4G or non-existent WiFi to complete set-up.



Easy install with **no complicated** set up process





## Product Features

- > Fully Part S Compliant
- > Multi-Home Intelligent Load Management System (MHI©)
- > Power Rating - 7.4kWh
- > Variable Charging Speeds - 6A to 32A
- > Built in PEN Fault Protection
- > Solar Compatible
- > Smart App Controlled - Download for [iOS](#) or [Android](#)
- > Off-Peak Charging with Easy Scheduler
- > Built-in LED Charging Status Indicator
- > Universal Charging Socket - Type 2
- > WiFi / 4G / Ethernet Connectivity
- > IP54 & IK08 Rated
- > Corrosion and Fire Resistant
- > 2 Screw Self-Leveling System
- > Wall or Post Mounting Options
- > Secure Tamper Boundary Included
- > OZEV Grant Fundable



### Easy-to-use app

Control your EV effortlessly with the MyBrim app. Start, stop, or schedule charging with just one tap—making charging hassle-free.



### WiFi / 4G / Ethernet

Flexible options for every site: Brim chargers support WiFi, 4G, or Ethernet, tailored to meet specific site requirements.



### Easy to Install

Our chargers are pre-commissioned for one of the fastest installs, removing the need for unreliable 4G or WiFi.



### Solar Compatibility

All chargers are solar compatible, future proofing new builds whether they are fitted with solar panels or not.



### Building Reg Compliant

Brim chargers feature a Type 2 Universal Socket and come with OCPP 1.6 Level 2 security as standard.



### Adaptable Installation

Chargers are wall or post-mountable (single or double) for private or communal parking needs.



## The Details



### Environment & Sustainability

Chargers are WEE-compliant and manufactured using recyclable materials, supporting sustainable practices in line with industry standards.

### Sleek & Modern Design

Designed to create a minimal visual impact, Brim chargers can be installed in either an open or covered setting, and in communal spaces or private driveways.

### Status LED Lights

The status of the charge point is shown by the coloured status lights on the front of each charger. Either Green, Yellow or Red, a colour glossary is available with each charger issued.

### 7 Year Warranty\*

Market-leading warranty, all Brim chargers come with a 7-year warranty. Giving the homebuilder and end-consumer peace of mind.



# Specifications

## Input Power:

Power Supply	Single-Phase
Rated Voltage	230V AC
Rated Current	32A
Frequency	50/60Hz

## Output Power:

Output Voltage	230V AC
Maximum Current	32A
Rated Power	7.4kW

## Device:

Charging Outlet	Universal Type 2 Socket - Mode 3
Housing Material	Plastic - PC940
LED Indicator	Green / Yellow / Red
RFID Reader	Mifare ISO / IEC 14443 A
Start Mode	Smart App Controlled / Plug & Play / RFID Card(s)

## Communication:

Communication	WiFi / Ethernet / 4G (Optional)
OCPP	OCPP 1.6

## Safety:

RCD	Embedded 6mA RDC-DD
Ingress Protection	IP54
Impact Protection	IK10
Electrical Protection	Over current protection, Residual current protection, Ground protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over temperature protection, PEN Fault Protection
Certification	CE, EN/IEC 61851-1: 2017, EN/IEC 61851-21-2: 2018
Warranty	7 Years

## Environmental:

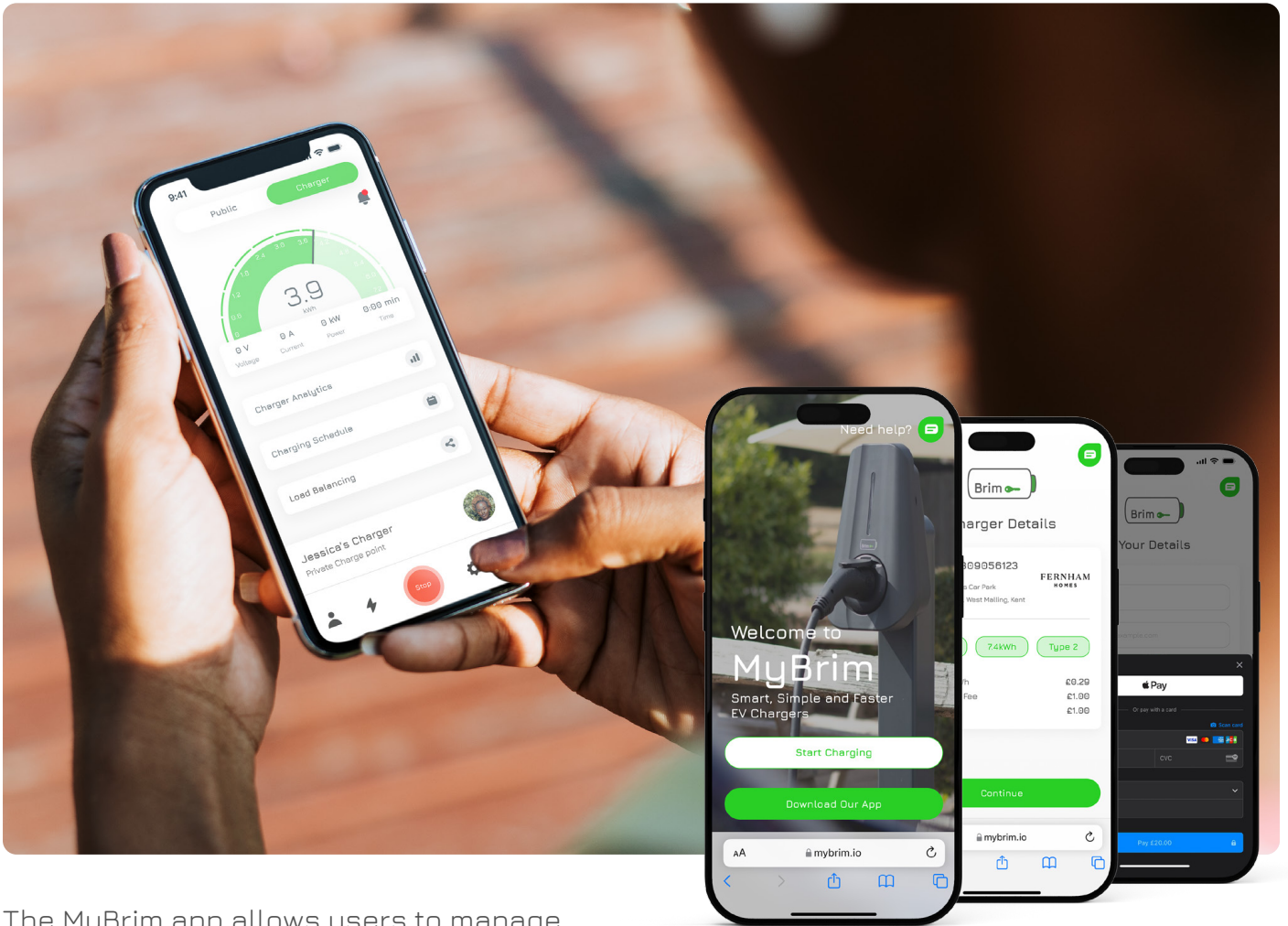
Installation	Wall Mount / Post Mount
Operating Temperature	-30C to +50C
Operating Humidity	5% to 95%
Operating Altitude	<2000m

## Dimensions:

Product Dimension	150mm x 360mm x 120mm (W x H x D)
Package Dimension	398mm x 303mm x 207mm (W x H x D)
Net Weight	2.0kg
Gross Weight	3.5kg



# MyBrim Smart App



The MyBrim app allows users to manage their personal EVC effortlessly. Schedule, start and stop charging with the tap of a button ensuring you are charging at a time which is convenient at the cheapest rate.

## Download MyBrim for free



Real time start/stop controls with variable speeds



Charging history with detailed insights



Integration with leading voice assisted devices



View charging logs, consumption and savings



Get real time security logs and alerts



Rent out your charger to friends and family



## Options & Accessories

Product Code	Product Name
PM-02	Single Pillar
PM-04	Dual Pillar
CT-01	CT Clamp

### Warranty - 7 Years

Brim Chargers come with an 84 month warranty from the date of purchase. Any hardware failure should be reported to us, by e-mail to [plugmein@fulltothebrim.com](mailto:plugmein@fulltothebrim.com), or by calling our support team on 020 7097 5911, quoting the serial number, location of the product, and giving a brief description of the failure.

Our Brim support team will then investigate, and attempt to remotely resolve any issue. They may ask you to provide additional information to assist in this. If the issue cannot be resolved remotely, and the product is in warranty, we will make arrangements for one of our team to visit the location and, if the issue is a result of any shortcoming in design or manufacture it will be made good free of charge or, at our discretion, exchanged for a replacement product. If we attend the site, and the fault is not a result of a shortcoming in design or manufacture of our product, we will make reasonable attempts to suggest what the issue is, and propose a resolution which may have a fee associated with it. A call out fee will be applicable where our product is not at fault. Smart charging hardware is designed to operate in co-ordination with grid demands. In periods of peak local, regional and national electrical demand charging may be interrupted or rate limited for brief periods to facilitate the need to manage the power grid. This is typically done to maintain stability of the grid, and ensure quality of supply. Where the end user has signed up to Brim's data services, information about each specific event is provided. The interruptions and limits are managed such that there should be no significant effect on vehicle charging overall.

### Environmental Impact and Sustainability

Brim Chargers are WEEE-compliant and manufactured using recyclable materials, supporting sustainable practices in line with industry standards. Materials: The housing is made from durable and recyclable PC940 plastic.

Please refer to local recycling guidelines or contact us for recycling options for out-of-service products.

### Limitation of liability

In no event will Brim accept any liability for any loss, costs or damage consequential of the use and/or misuse of our hardware products except and only to the extent that this is caused by our negligence.

\*To maintain the product warranty, installation must follow Brim's guidance and all relevant legislation. Brim charging points must either be installed by our service installation team or by a certified electrician, followed by registration of the product.

For optimal protection, installation should include double or four-pole RCD protection to enhance safety. Installers may also consider using an energy clamp in single-phase installations to prevent overload on the home's main fuse due to the additional charging load. Further installation guides and user manuals can be downloaded at <https://www.fulltothebrim.com>.



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