

PRODUCT OVERVIEW

# Home series chargepoints

HOME 7 | HOME 7 PLUS | HOME 22 PLUS



## Quality made by experts.

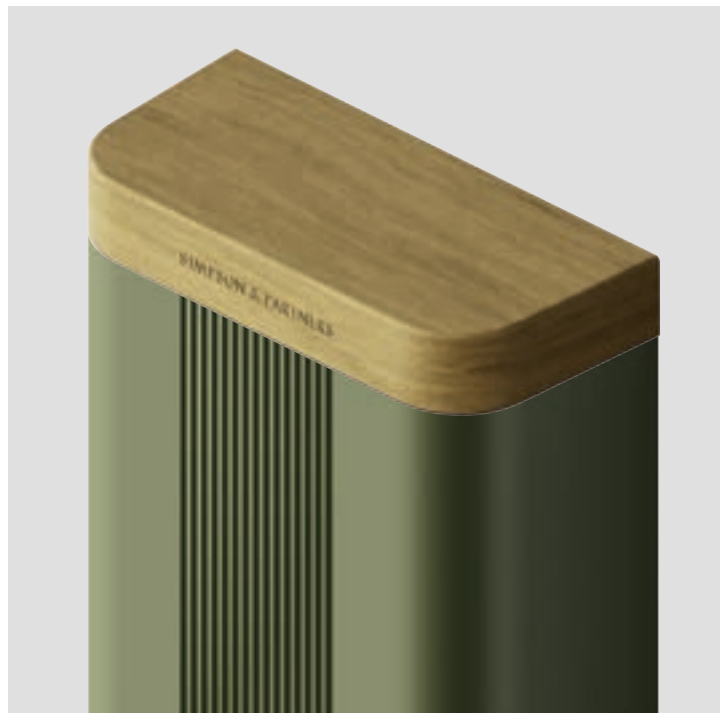
We make products that match design appeal with exceptional build quality and performance. Our chargers are made using only quality materials and with the help of some of the best software and mechanical engineers in the UK.

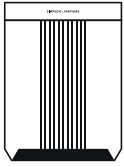
We are a family run business, based in the Cotswolds. We only create products that we would be proud to display in our home. Once you've experienced the quality of a Simpson & Partner charger, we're confident you'll feel the same.



## KEY FEATURES

- 01 Compact stylish design.
- 02 Precision manufactured and hand finished.
- 03 Wide selection of finishes & colours.
- 04 App controlled Smart charging.
- 05 Advanced S1 safety system.
- 06 Universal charger with tethered locking function.
- 07 Advanced O-PEN protection system.





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## FINISHES

## PRODUCT ATTRIBUTES

Materials of front panel. Powdered coated diecast aluminium  
Materials of lid. CNC anodised aluminium\*  
Accoya timber finished in water based stain\*  
Plastic ASA-PC finished in anthracite

Colours: Up to 126 combinations of colours and finishes\*

## ATTRIBUTES

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Dimensions (mm) H: 286 x W: 196 x D: 111  
Operating Temperature: -25°C to 50°C  
Weight: 3.3 kg  
IP Rating: IP54 enclosure  
Standby Consumption: <2.0W  
3 Year manufactures warranty

## TECHNICAL

## CHARGING

Number of phases: 1 and 3 phases  
Charging Current: 1.4- 7.4 kW (6A to 32A Per Phase)  
Connection: Type 2 socket  
207-253v ~ 50/60Hz 32A  
230v/400v 3N~ 50/60Hz 32A  
Dynamic fuse local grid management\*  
Microgeneration export harvesting\*\*  
Multi chargepoint load management  
Accuracy of built in energy meters (+/-2%)

## SAFETY

## PROTECTION SYSTEMS

Built-in RCD for residual current imbalance protection  
RCD-30mA Type A  
6 mA DC according to IEC 62955  
Integrated overload protection according to BS EN IEC 61851-1:2019  
Loss of PEN protection according to BS 7671: 2018/A1:2020  
Impact resistance: IK08  
Fire class: UL94  
Insulation class: Class 2  
Welded contact detection  
Welded contact external shunt protection\*\*  
Thermal protection system  
Locking type 2 socket  
Fail safe wireless load management\*\*

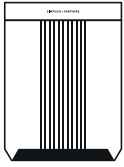
## CONNECTIVITY

## WIRELESS CONNECTIVITY

Bluetooth Low Energy 4.0  
Wi-Fi 2.4 GHz b/g/n connection  
SP Wireless Connect™ \*  
Command Centre App  
Open API

\* Not available on Home 7

\*\* Requires optional accessory



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## FEATURES

### USER FEATURES

- Courtesy lights around plug sockets\*
- Charge override button
- Setup button
- Status LED
- Charge socket courtesy lighting\*
- Tethered mode
- Chargepoint secure
- Feature updates: Via Wi-Fi
- Software updates: Via Wi-Fi
- Home Energy manager
- Self charging wireless power monitor module

## SECURITY

### SECURITY

- Wi-Fi: WEP, WPA, WPA2
- Connection Security: Secure data encryption
- HTTPS with SHA-256 hash algorithm
- TISAX compliant
- Cloud Computing Compliance Controls C5 compliant
- PIN Code Bluetooth connection
- PIN code installer setup protection
- EU hosted datacentre

## INSTALLATION

### INSTALLATION FEATURES

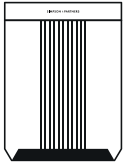
- No earth rod or upstream O-PEN unit required
- Installation earthing: TNC-S/TN-S/TT
- Advanced O-PEN technology 722.411.4.1 (v)
- Install on one phase of a 3-phase supply
- Quik Connect Bluetooth setup
- Current adjustment in 1 amp increments
- Optional shunt connection
- Fail safe wireless load management
- Cable diameter: 2.5-10 mm<sup>2</sup>
- Terminal tightening : 1.8-2.0 Nm
- Cable strip length: 10 mm

Mounting:  
Flush mounting location using x3 fixing points, handy drilling template provided within our packaging.

Cable entry:  
Rear/Bottom 20-25mm removable compression gland.  
25mm compression gland provided

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\*\* Requires optional accessory



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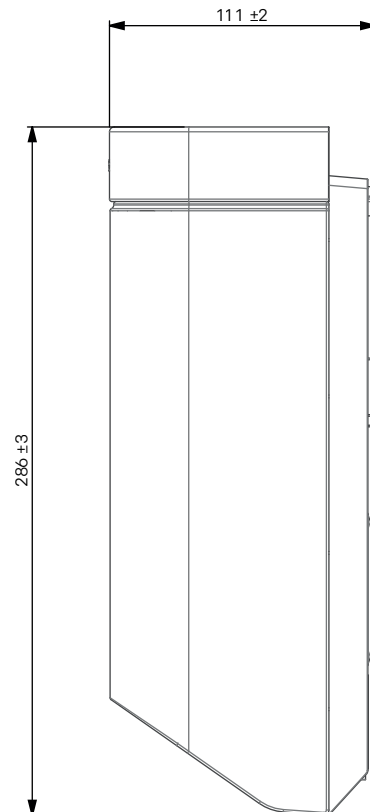
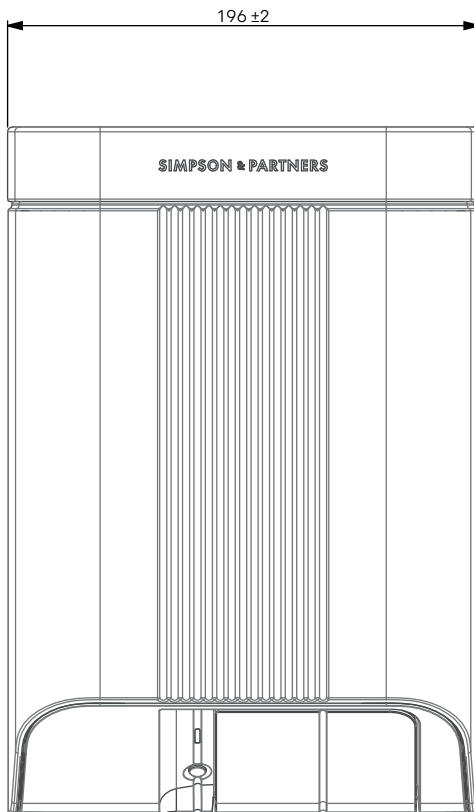
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## STANDARDS

## STANDARDS & COMPLIANCE

RED 2014/53/EU  
LVD 2014/35/EU  
EMC 2014/30/EU  
EN 61851-1:2017  
EN 62196  
EN 62955:2018  
ROHS 2011/65/EU  
WEEE 2012/19/EU  
CE Certified.  
UKCA Certified  
UK Smart Charge Point Regulations 2021



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