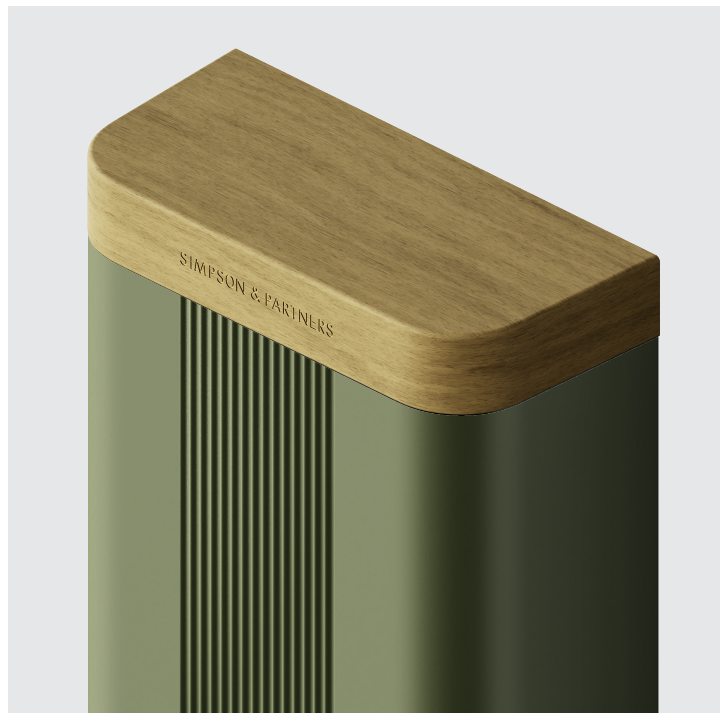# Home series chargepoints

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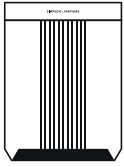
We are a family run business, based in the Cotswolds. We only create products that we would be proud to display in our home. Once you've experienced the quality of a Simpson & Partner charger, we're confident you'll feel the same.

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.

Home series chargepoints

HOME 7 | HOME 7 PLUS | HOME 22 PLUS

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

PRODUCT ATTRIBUTES

Dimensions (mm) H: 286 x W: 196 x D: 111
Operating Temperate: -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
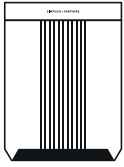Fail safe wireless load management**

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

SIMPSON & PARTNERS

Home series chargepoints

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
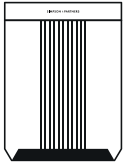
No earth rod or upstream O-PEN unit required
Installation earthing: TNC-S/TN-S/TT
Advanced O-PEN technology 722.411.4.1 (v)
Install on one phase of a 3-phase supply
Quik Connect Bluetooth setup
Current adjustment in 1 amp increments
Optional shunt connection
Fail safe wireless load management
Cable diameter: 2.5-10 mm2
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

*   Not available on Home 7

**   Requires optional accessory

SIMPSON & PARTNERS

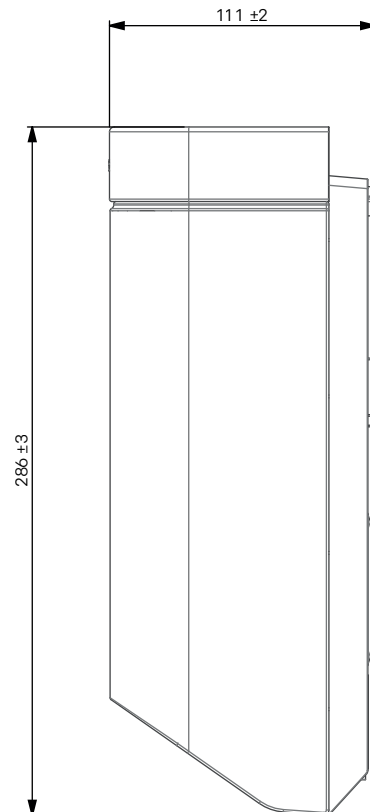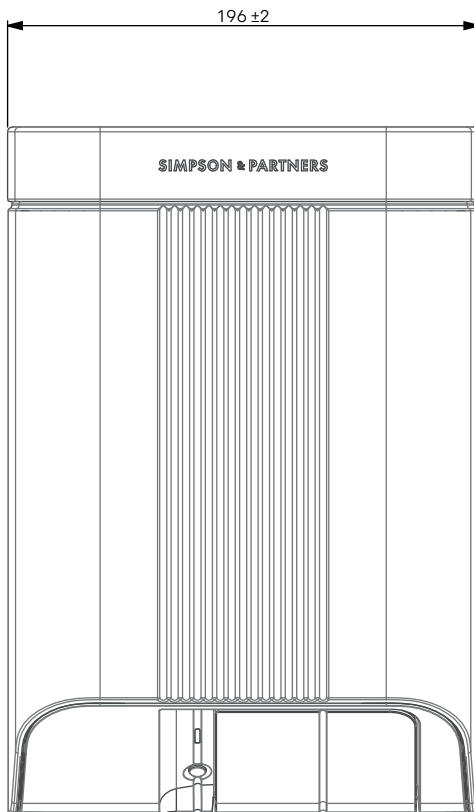# Home series chargepoints

HOME 7 | HOME 7 PLUS | HOME 22 PLUS

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

196 ±2

111 ±2

286 ±3

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*   Not available on Home 7

**   Requires optional accessory

SIMPSON & PARTNERS