

PRODUCT OVERVIEW

# Home Series chargers

UNTETHERED MODEL | 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.

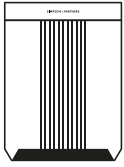
We are a family run business, based in the Cotswolds. We only create products that we would be proud to display in our home. Once you've experienced the quality of a Simpson & Partners charger, we're confident you'll feel the same.



## KEY FEATURES

- 01 Compact stylish design.
- 02 Precision manufactured & 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 S1-PEN protection system.





## PRODUCT OVERVIEW

# Home Series chargers

UNTETHERED MODEL | 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 107 combinations of colours and finishes\*

## ATTRIBUTES

### PRODUCT ATTRIBUTES

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 manufacturer 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  
Home Load balancing  
Solar charging  
Multi chargepoint load management  
Accuracy of built-in energy meters (+/-2%)

## SAFETY

### PROTECTION SYSTEMS

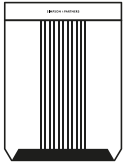
Built-in RCD for residual current imbalance protection  
RCD-30mA Type A  
6 mA DC according to IEC 62955  
Integrated overload protection according to BS EN IEC 61851-1:2019  
Loss of PEN protection according to BS 7671: 2018/A1:2020  
Impact resistance: IK08  
Fire class: UL94  
Insulation class: Class 2  
Welded contact detection  
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  
Smart Home system wireless support\*  
S&P App  
Open API

\* Not available on Home 7



## PRODUCT OVERVIEW

# Home Series chargers

UNTETHERED MODEL | HOME 7 | HOME 7 PLUS | HOME 22 PLUS



## FEATURES

### USER FEATURES

- Courtesy lights around plug sockets\*
- Charge override button
- Status LED
- Tethered mode
- Chargepoint secure
- Automatic over the air updates
- Mobile smart charging app

## 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

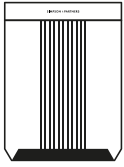
### INSTALLATION FEATURES

- No earth rod or upstream S1-PEN unit required
- Installation earthing: TNC-S/TN-S/TT
- Advanced S1-PEN technology 722.411.4.1 (v)
- Install on 1-phase or a 3-phase supply
- Automatic over the air updates
- Current adjustment in 1 amp increments
- Optional shunt connection
- G100 compliant fail safe wired and 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

\*Not available on Home 7



PRODUCT OVERVIEW

# Home Series chargers

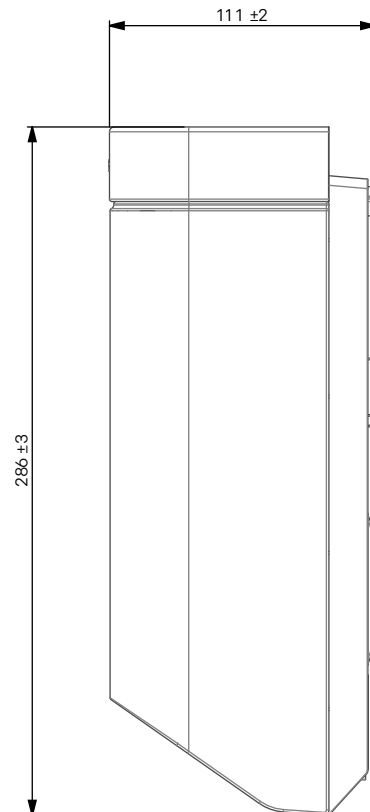
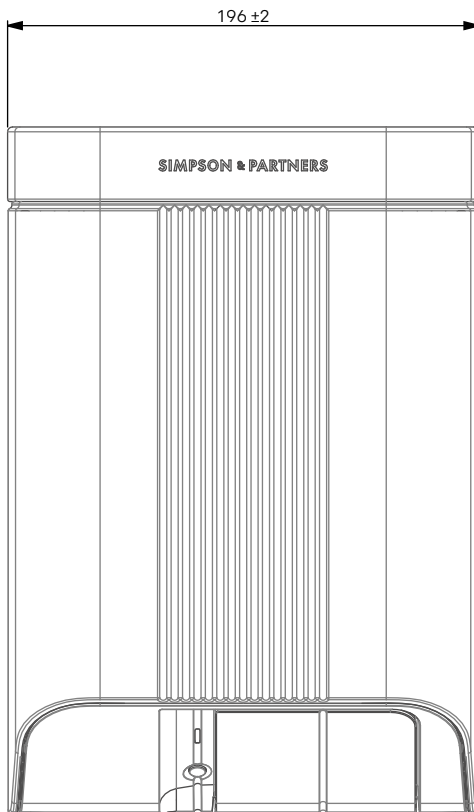
UNTETHERED MODEL | HOME 7 | HOME 7 PLUS | HOME 22 PLUS



## 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



\*Not available on Home 7