

PRODUCT OVERVIEW

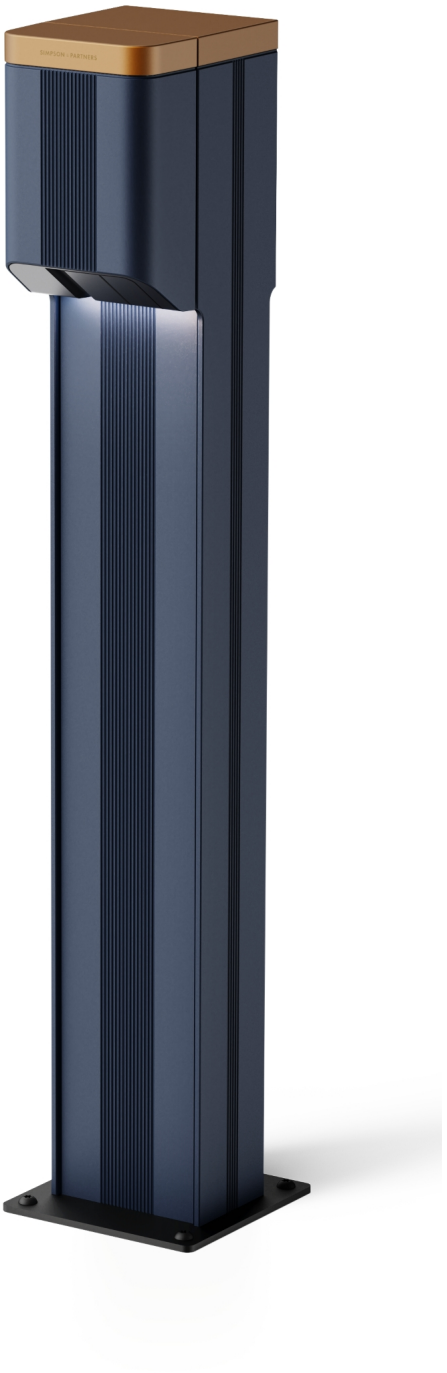
Business Series

SINGLE FREESTANDING CHARGER | BUSINESS 7FSS | BUSINESS 22FSS |

Single Freestanding Charger

The Dual Freestanding Charger is a floor-standing, commercial grade, smart, universal EV charger with two sockets. It is OCPP compliant, has both power and ethernet daisy chaining and optional MID metering for accurate billing and reporting. Static load management a standard, dynamic load balancing

Aesthetically pleasing and modular in design. The plinth is available in 6 main colours with wood and metal finishes. Bespoke colours on request. The business software back office gives administrators full control to track charging for their employees, visitors, clients



KEY FEATURES

01 Robust compact design

02 Precision manufactured & hand finished

03 OCPP compliant

04 Power and ethernet daisy chaining

05 Dynamic load management.

06 Integrated back office software

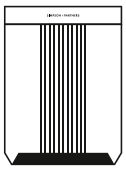
07 Single and Three phase PEN protection

08 Independent circuit protection

09 MID metering

10 Suitable for marine environments*

11 Payment facilities *



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FINISHES

PRODUCT ATTRIBUTES

CNC aluminium powdered coated chassis
Materials of lid. CNC anodised aluminium/ Accoya® Wood
Plastic chassis parts ASA-PC
Colours: Up to 24 combinations of colours
Custom colours at clients request*

ATTRIBUTES

PRODUCT ATTRIBUTES

Dimensions (mm) H: 1300 x W: 196 x D: 247
Operating Temperature: -15°C to 45°C
IP Rating: IP54 enclosure
Standby Consumption: <4.0W
3 year on site manufacturer warranty

TECHNICAL

CHARGING

Single AC outlet
Number of phases: 1 and 3 phases
Charging Current: 1.4 - 7.4 kW (6A to 32A Per Phase)
Connection: Type 2 socket
1 x 32A single/three phase supply 7-22kw
230v/400v 3N ~ 50/60Hz 32A
Multi charger load balancing & Limiting
Dynamic load management*
Accuracy of built-in energy meters (+/-2%)
MID compliant metering*
Supply terminals up to 25mm

SAFETY

PROTECTION SYSTEMS

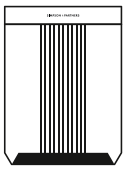
C40 MCB BS EN60898
C40 Type A 30mA RCBO BS EN61009
6 mA DC according to IEC 62955*
Integrated overload protection according to BS EN IEC 61851-1:2019
Loss of PEN protection according to BS 7671: 2018/A1:2020
Impact resistance: IK08
Fire class: UL94
Insulation class: Class 2
Welded contact detection
Thermal protection system
Locking type 2 socket
Surge protection IEC 61643-11

MOUNTING

PLINTH FIXING

Base dimensions 250mm x 250mm
300mmx 300mm EV block compatible mount plate*
500mm x 300mm EV block compatible mount plate*

* Optional extra
** Coming soon



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FEATURES

USER FEATURES

Courtesy lights around plug sockets
Decorative charger down lighting
Status LED
Automatic over the air updates
Mobile user app for secure charging access
Business Essentials back office software
Onboard Doctor™ automatic charger heath system

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
OCPP secure web socket support

INSTALLATION

INSTALLATION FEATURES

No earth rod or upstream PEN unit required
Installation earthing: TNC-S/TN-S/TT
Install on 1-phase or a 3-phase supply
Current adjustment in 1 amp increments
Surge protection IEC 61643-11
100A power daisy chaining
Ethernet daisy chaining feature*

CABLING

CABLE ENTRY

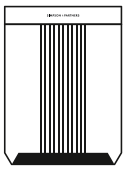
Ducted entry from below ground
Supply cable termination plate up 2 x 32mm gland

CONNECTIVITY

WIRELESS CONNECTIVITY

Bluetooth Low Energy 4.0
Wi-Fi 2.4 GHz b/g/n connection
Ethernet 100/Base-T
OCP P 1.6 compatible
LTE **
NFC*
Apple, Google Pay*
RFID*
Card Reader*
Chip & PIN device*

* Optional extra



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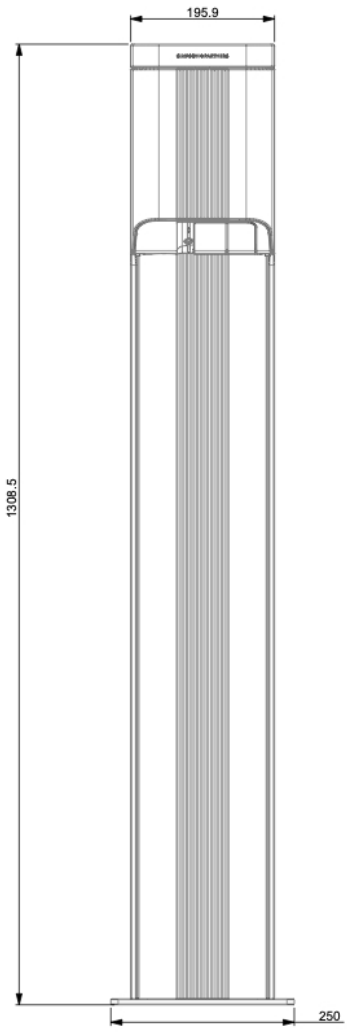
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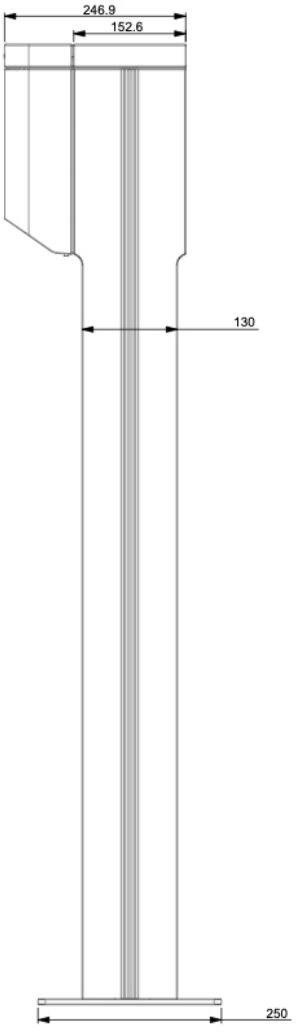
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STANDARDS

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
UK Smart Charge Point Regulations (schedule 1 -Security)





* Optional extra