

PRODUCT OVERVIEW

Business Series

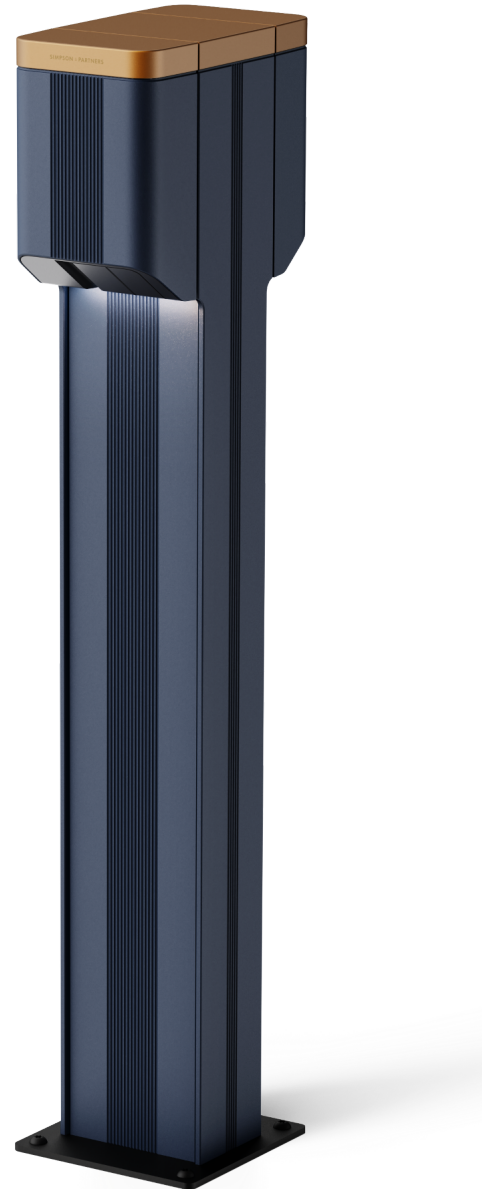
DUAL FREESTANDING CHARGER | BUSINESS 7FSD | BUSINESS 22FSD |



Dual Freestanding Charger

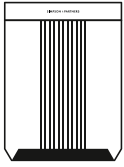
The Dual Freestanding Charger is a floor-standing, commercial grade, smart, universal EV charger with two sockets. It is OCPP compliant, has both power and ethernet daisy chaining and optional MID metering for accurate billing and reporting. Static load management a standard, dynamic load balancing

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*

SPECIFICATIONS

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Dimensions (mm) H: 1300 x W: 196 x D: 341
Operating Temperature: -15°C to 45°C
IP Rating: IP54 enclosure
Standby Consumption: <4.0W
3 year on site manufacturer warranty
Weight: 37kg including Base Mount

TECHNICAL

CHARGING

Dual AC outlets
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 63A 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 upto 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
Insulation class: Class 2
Welded contact detection
Thermal protection system
Locking type 2 socket
Surge protection IEC 61643-11

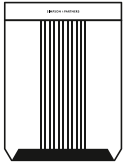
MOUNTING

PLINTH FIXING

Base dimensions 250mm x 250mm
300mm x 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 health 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

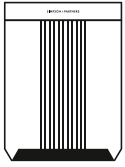
- Ducted entry from below ground
- Supply cable termination plate up to 2 x 32mm gland

CONNECTIVITY

WIRELESS CONNECTIVITY

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

* Optional extra



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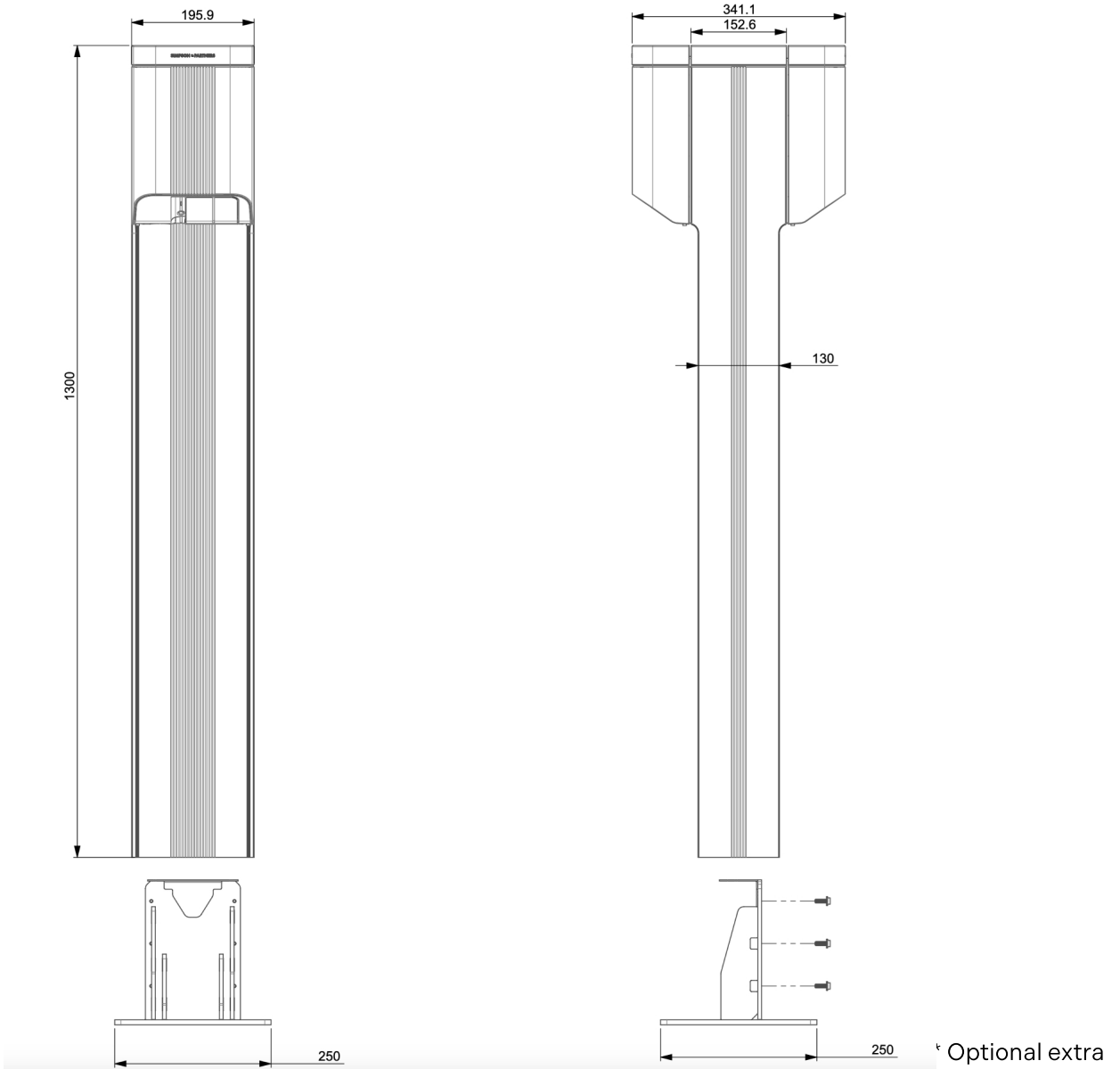
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STANDARDS

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)



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