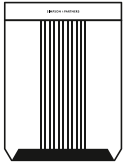## Wall Mount Charger

The Wall Mount Charger is a wall mounted , commercial grade, smart, universal EV charger. It is OCPP compliant and has optional MID metering for accurate billing and reporting. Static load balancing as standard and Dynamic load balancing utilising the Load Manager option.

Aesthetically pleasing and modular in design. The charger 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 and customers.

KEY FEATURES

01	Robust compact design
02	Precision manufactured & hand finished
03	OCPP compliant
04	Dynamic load management.
05	Integrated back office software
06	Single and Three phase PEN protection
07	Independent circuit protection
08	Remote MID metering compatible
09	Suitable for marine environments*
10	Payment facilities *

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FINISHES

PRODUCT ATTRIBUTES

CNC aluminium powdered coated chassis
Materials of lid. CNC anodised aluminium*, plastic ASA PC
Plastic chassis parts ASA-PC finished in anthracite
Colours: Up to 20 combinations of colours
Custom colours at clients request*

ATTRIBUTES

PRODUCT ATTRIBUTES

Dimensions (mm) H: 805 x W: 196 x D: 341
Operating Temperature: -15°C to 45°C
Weight: 3.3 kg
IP Rating: IP54 enclosure
Standby Consumption: <2.0W
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
207-253v ~ 50/60Hz 32A
230v/400v 3N ~ 50/60Hz 32A
Multi charger load balancing
Dynamic load management*
Accuracy of built-in energy meters (+/-2%)
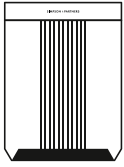MID compliant metering*

SAFETY

PROTECTION SYSTEMS

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

WALL FIXING

Wall mount

* Optional extra

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WALL MOUNT CHARGER | BUSINESS 7W | BUSINESS 22W |

FEATURES

USER FEATURES

Courtesy lights around plug sockets
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
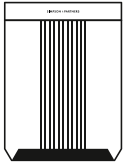

CABLING

CABLE ENTRY

Rear and below entry

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*
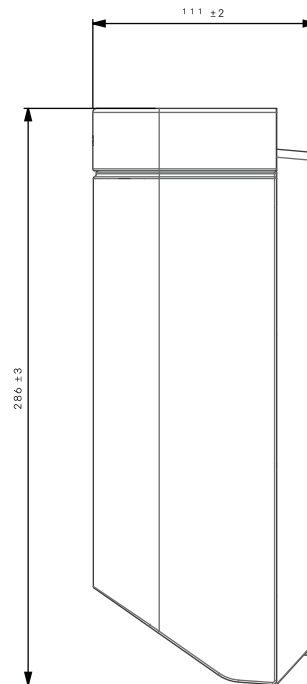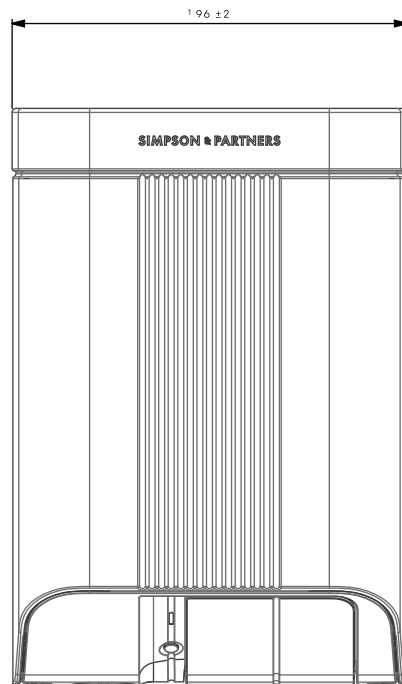
* Optional extra

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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)

196 ±2

111 ±2

286 ±3

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* Optional extra

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