

HYPERVOLT



HYPERVOLT HOME 2.0

7kW AC smart EV Charger



**CHARGE AND
CHANGE THE
WORLD.**



OZEV ELIGIBLE

3 YEAR WARRANTY

APP FOR CONTROL AND MONITORING

SMART HOME INTEGRATION

ENERGY TARIFF BASED CHARGING

MADE IN BRITAIN, LOCAL, EXPERT SUPPORT

FREE OVER THE AIR SOFTWARE UPDATES





Wifi And Bluetooth
Connectivity.

IP54 Install Outside
And Inside).

Built In 6mA
DC RCD Protection.

No Earth-Rod.

5M Tethered Type
1 & 2 (7.5M Opt.)



STATUS LIGHT INDICATORS

BLUE STAND-BY

The charger is ready to start a charging session.



NO LIGHT DEVICE IS OFF

If there are no lights on, check if power is available at the source.



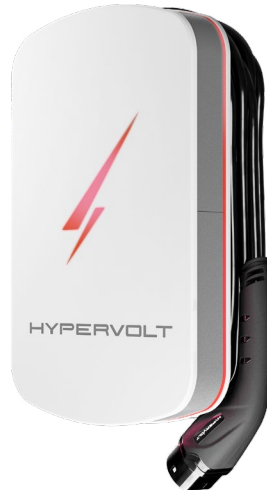
GREEN CHARGING

Charging is in progress.



RED, FLASHING FAULT

There is an issue with the charging session. Check status in the Hypervolt app.



PURPLE SCHEDULED CHARGING

Ready to start charging, waiting for a time you have scheduled.



WHITE (RING) HOTSPOT MODE

No internet - requires configuring a network connection.



Product Information

Model	Hypervolt Home 2.0
Connection capacity	Single Phase, 7kW AC
Charging connector	Tethered, IEC 62196/Type 2 OR SAE J1772/Type 1
Tethered cable length	5 Meters
Charging protocol	Mode 3 (EN/IEC 61851)

Installation

PEN fault protection	Built-in open PEN protection (detection + isolation) in compliance with Amendment No 1 of BS 7671:2018*. Hypervolt Home 2.0 can safely be installed without an earth-rod.
RCD protection	Integrated 6mA DC RCD. Only type A RCD + 32A MCB or equivalent protection is required at source.
Service fuse protection	Automated load management via wired CT. Remote maximum current limiter function is available via dashboard and App

Electrical Properties

AC Charging Output	7kW, 32A@230V AC Charging power may vary based on vehicle make and model as well as electrical installation setup.
Input Voltage	230 ± 10% V AC
Input Frequency	50 Hz
Input Current (max)	32 A
Energy Monitoring	Power and energy monitoring as standard, internal MID grade meter
Overcurrent protection	Internal overcurrent protection (software) plus MCB protection at source

Physical Properties

Dimensions (H x W x D)	328mm x 243mm x 101mm
Mounting type	Wall mounted
Colour	White/Grey
Shipping weight	5.2 Kg
Unit material	ABS composite

Environmental Properties

Operating Temperature	-20 to 40° C
Operating humidity	Up to 95% RH, non-condensing
Environmental Protection	IP54

Standards and Compliance

EMC compliance	EN 61000-6-3:2006, EN 61000-6-2:2019
Safety Compliance	Low Voltage Directive (LVD) 2014/35/EU, EN 60950-1:2006 + A11 + A1, EN 60950-22:2006, BS 7671:2018 + A1:2020
EV Charging Compliance	EN 61851-1:2019, EN 61851-21:2002, EN 61851-22:2002, IEC 62196-1

Communication

Status indication / HMI	Multi-colour LED ring and front cover signage
Standard	Wi-Fi 802.11b/g/n @2.4 GHz, Bluetooth
Communication protocol	OCPP 1.6/2.0
Network Security	State-of-the-art Cryptography Engine for fast and secure WLAN Connections with 256-Bit Encryption



**CHARGE AND
CHANGE THE
WORLD.**



Contact us at
sales@hypervolt.co.uk or call 0333 090 3093.

Hypervolt Limited, Unit 17,
Innovation Business Centre,
Rainham, RM13 8HZ, UK.

Revision 2.0 | A4 | Mar. 2021

HYPERVOLT