# HYPERVOLT HOME 2.0

7kW AC smart EV Charger

- 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



# HYPERVOLT

WIFI AND BLUETOOTH CONNECTIVITY

IP54 (INSTALL OUTSIDE AND INSIDE)

BUILT IN 6MA DC RCD PROTECTION

5m TETHERED TYPE 1 & 2 (7.5m opt.)

NO EARTH-ROD

CHARGE AND
CHANGE THE
WORLD.

HYPERVOLT

HYPERVOLT

# 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.

# HYPERVOLT

## 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** | remote maximum current limiter function is available via dashboard and App |

## Electrical Properties

| | |
|---|---|
| **AC Charging Output** | 7kW, 32A@230V AC<br>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 |

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