# Getting to know your Hypervolt

# Technical Specification

## Product Information

**Model:** Home 3.0
**Connection Capacity:** Single Phase, 7kW AC
**Charging Connector:** Tethered, IEC 62196/Type 2 OR SAE J1772/Type 1
**Tethered Cable Length (m):** 5 / 7.5 / 10
**Dimensions (mm):** 328 (H) x 243 (W)  x 101(D)
**Mounting Type:**  Wall/Pole mounted
**Colour:**  Ultra White / Ultra Black / Space Grey
**Weight:** 5.2 Kg
**Unit Material:** PC-ABS, ABS Composite
**Charging Protocol / Mode :** Mode 3 (compliant with BS EN IEC 61851-1:2019)

## Electrical Properties

**Rated supply voltage:** 230V AC - Single Phase
**Rated power:** 7.4 kW
**Rated current of assembly:** 32A (max)
**Output supply:** AC 230V 7.4 kW Single Phase
(Note: May vary based on vehicle make and model as well as electrical installation setup)
**Mains Frequency:** 50 Hz
**Rated impulse withstand voltage:** 4000V
**Rated peak withstand current:** 1000A @ 1ms
**Average standby power consumption -**
- ‣ Lowest LED brightness setting: 4.2W
- ‣ Maximum LED brightness setting: 8.4 W

**Energy efficiency (at full rated output):** 99%
**Rating against shock:** Class I Equipment
**Compatible earthing systems:** TN-C-S & TN-S (PEN Fault Protection) or TT
**Electromagnet Compatibility (EMC):** Classification Type B

## Connectivity

**WiFi:** Wi-Fi 802.11b/g/n @2.4 GHz | **Bluetooth:**Bluetooth LE (Version 4.2)

## Safety

**RCD Protection:** Internal 6mA DC RCD (External AC Protection Required, "A" Type Recommend.
**PEN Fault Protection:** Integrated PEN fault protection compliant with Amendment 2 of BS7671:2018.
**Overcurrent protection:** External protection required (MCB or RCBO)
**Mechanical impact protection:** IK08

## Standards and Compliance

**EV Charging Compliance** | EN 61851-1:2019, BS 7671:2018 + A1:2020
**RoHS** | 2011/65/EU
**Safety Compliance** | 2014/53/EU Radio Equipment Directive 3.1(a) - EN IEC 61851-1:2019 / EN 62196-1:2014 / IEC TS 61439-7:2014
**EMC Compliance** | 2014/53/EU Radio Equipment Directive 3.1(b) - EN IEC 61851-21-2:2021, EN 55032:2015 + A1:2020 (Class B)

## Features

**Status Indication/HMI:** Multi-colour LED's around the sides and the logo on the front of the enclosure.
**Charging modes:** Boost, Eco (Solar & Grid), Super Eco (Solar Only)
**App:** Full Function Control via the app.
**ALM:** Automatic Load Management
**Other:** Lock, Plug & Charge, Schedule Charging, Factory Reset, Tamper Alerts, Selectable LED Brightness & Modes, Current Limiting, Usage Records,

### Environment
**Operating Temperature:** -25 to 40 °C | **Operating Humidity:** Up to 95% RH, non-condensing | **Environmental Protection:**  IP54 | **Pollution degree:** 3
**Maximum Altitude Level:** 2000m