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