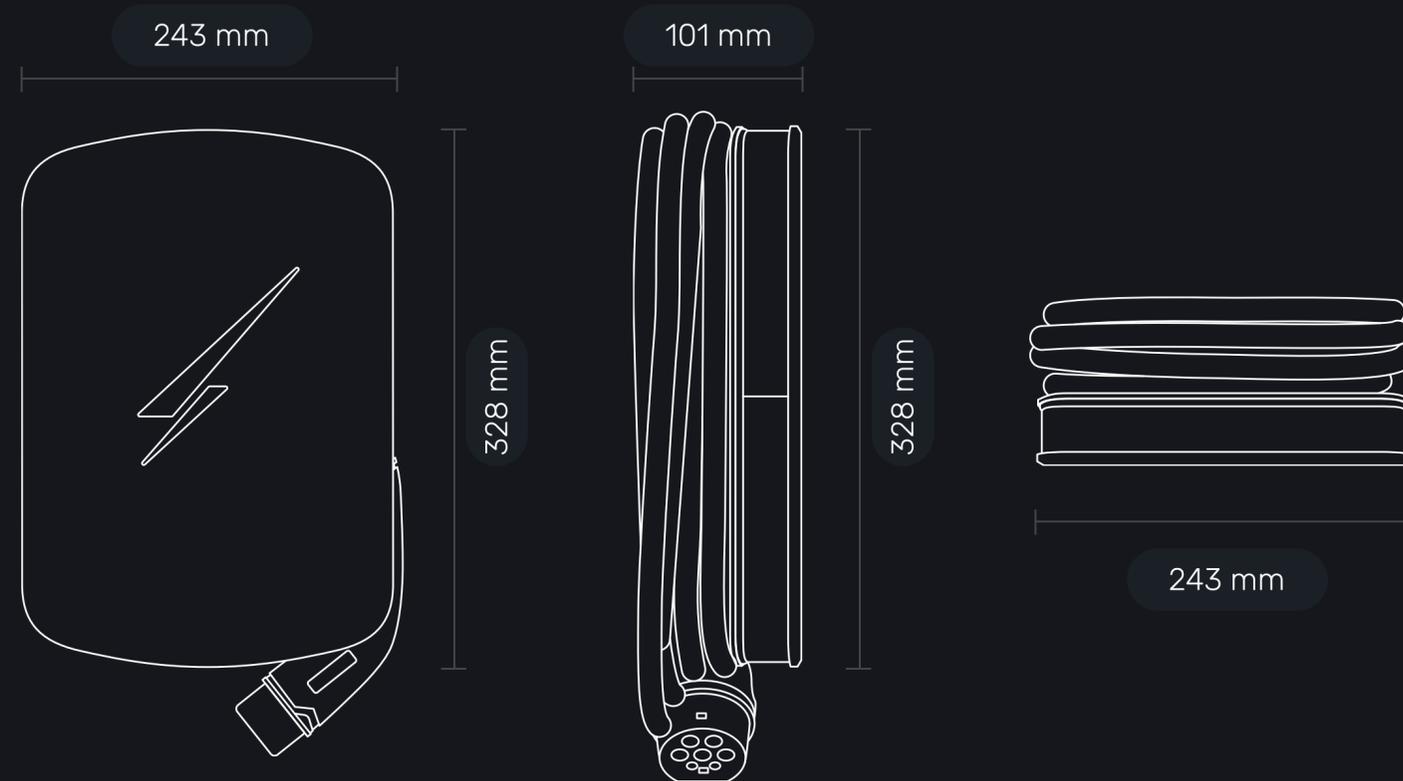


# Technical Specification



## Product Information

**Model:** Home 3 Pro  
**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:** 6.15 kg (5m) / 6.9kg (7.5m) / 7.3kg (10m)  
**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 50 °C | Operating Humidity: Up to 95% RH, non-condensing | **Environmental Protection:** IP66 |  
**Pollution degree:** 3  
**Maximum Altitude Level:** 2000m