



Product Sheet



Explore BlueBird Home One

Hybrid DIY Installation

Our charger is so easy to install that you can do it yourself. Within a couple of minutes

MID Grade metering

Meet our best in class energy Meter. Measuring bidirectional and <0.5% accuracy.

Internet of Things

The whole system is designed From an Internet of Things (IoT) Philosophy. Lightweight, scalable And lightning fast.

Smarter than Ever

Integrated smart charging. Save money and CO2 with our Hourly Price Optimisation schedules. Suitable for all EVs.

True Solar Phase Switching

Dynamically switch between 1 3 phases. Maximise solar on 1 phase or charge as quick as possible on 3 phases

Bidirectional Ready

Prepared for a future in which Vehicle-to-Grid becomes the standard. Use your EV as a battery on wheels!

Home Energy Management

Integrated with your household electricity usage. Say hello to Home Load Balancing, True Solar Charging and direct insights in your energy patterns



Insights and control from your pocket

Real-time telemetry in your app.
Not only from your charger, but
also from your household.

Automate and optimise your charging

Whether you want to charge when electricity
prices are low or maximise self consumption
from your solar panels. We got you.

Safe and Secure

Robust and sound electrical safety measures
combined with best in class cyber security
practices.



Technical Details

Dimensions (mm)

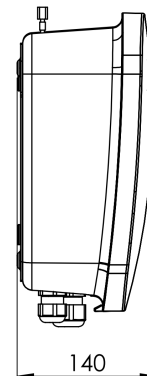
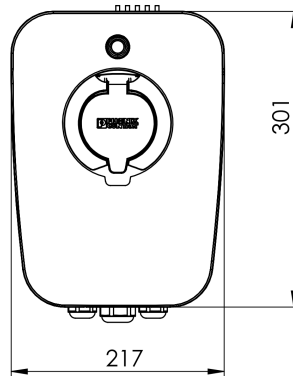
301 (h) x 217 (w) x 140 (d)

Weight

1.8 kg

Versions

Socket
Tethered



Safety

Protection

Water and dust protected (IP54)
Impact resistant (IK10)
UV resistant (F1)
Anti flammable (V0)
Integrated RDC-DD (6 mA DC)
Integrated PEN Fault detection (UK)
Insulation class I
Overvoltage Category class III

Complies with regulations

IEC 61851-1
IEC 62955
Radio Equipment Directive
RoHS
EV (smart charge points) regulations

Operating conditions

Nominal Power

1 phase: 7.4 kW (32A)
3 phase: 11 kW (16A)

Temperature Range

-30 °C to +50 °C

Grid configurations

TN/TT/IT
230/400 V AC (+/-10%)
Grid frequency: 50 Hz

Connectivity & interfaces

Internet

Wi-Fi (2.4 GHz)
Ethernet

Interfaces

MQTT
OCPP emulator
BlueBird Mobile App
External API

Chef's signature

Integrated energy meter
(MID B grade)
P1 dongle connected
Robust and resilient

Bidirectional ready
Dynamic phase switching
DIY installation

