



Easee One

Easee One is intelligent and adapts to all electric vehicles, power supplies and mains. With our home charging solution there is no need to think about technical specifications – the Easee One will automatically detect what power the vehicle requires.

Built to comply with UK regulations, the Easee One comes with both integrated RCD protection (AC 30mA / DC 6mA) and open PEN conductor protection.

Features

- Integrated open PEN conductor protection, i.e., no need for earth rod.
- Reduced cost and time to install.
- Fully dynamic charging power 1.4–7.4 kW.
- Load balancing of up to 3 units per fuse by integrated wireless communication.
- Automatic queuing system.
- Easee Link™ Local Load & Phase balancing.
- Solar charging support.¹
- Built-in eSim for cellular connectivity.
- Possibility of WiFi connection.
- Permanent locking of the type 2 cable.
- Integrated earth fault detection (RCD).
- Integrated RFID reader (NFC / ISO 14443 and MIFARE Classic®).
- Energy measurement ($\pm 2\%$), for reading charge consumption.
- Universal, fits all types of electric cars & power supplies.
- Full control with the Easee App or local WiFi interface, and open API.
- Compliant with The Electric Vehicles (Smart Charge Points) Regulations 2021.
- Manufacturer guarantee: 3 years (UK).

Safety

Protection

Integrated broken PEN lead protection according to BS 7671:2018/A1:2020.
Built-in ground fault detection.
Temperature monitoring.
Overload protection.
Degree of protection: IP54 (the backplate is IP22 without cover).
Impact resistance: IK10.
Insulation class: I.
Overvoltage category III.
Theft protection.

Complies with the following regulations

2014/53/EU (RED).
2011/65/EU (RoHS).
2014/30/EU (EMC).
2014/35/EU (LVD).
The Electric Vehicles (Smart Charge Points) Regulations 2021.
See DoC for details at easee.com/doc

Technical

Charging power

1-phase: 1.4 kW (6 A) – 7.4 kW (32 A)

Electrical

Voltage: 230 V AC - single phase ($\pm 10\%$).
Grid frequency: 50 Hz.
Power grid: TN, IT, TT.
Connection point: Type-2 socket.
Automatic adjustment of charging speed based on available current.¹
Automatic charging with solar generation.¹
Automatic phase balancing.¹
Advanced load distribution.
Up to 3 chargers on the same circuit.
Built-in energy meter ($\pm 2\%$).

Connectivity

Wi-Fi 2.4 GHz b/g/n.
Built-in eSim (LTE Cat M1).
OCPP 1.6.
Open API.
Easee Link^{RF} (between chargers / between charger and Equalizer).
Built-in RFID/NFC reader for access control.
Easee App for control and monitoring.

General

Dimension (mm): H: 256 x W: 193 x D: 106.
Wall mounting (mm): c/c H: 160 x W: 125.
Operating temperature: $-30\text{ }^{\circ}\text{C}$ to $+40\text{ }^{\circ}\text{C}$.
Weight: 1.5 kg.

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Easee ASA
Vassbotnen 23
4033 Stavanger, Norway
Org.nr: 920 292 046

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