



Easee

# Charge Core

Charge Core is a scalable solution to support the expansion of multiple charging sites in MDUs and commercial settings.

**Intelligent. Scalable. Cost-Effective.**

## Features

Charge Core can charge up to 7.4 kW on a single-phase circuit, and up to 22 kW on a three-phase circuit. The charger is continuously updated with the latest functionality.

- Easee Link™ Local Load & Phase balancing.
- Automatic queuing system.
- Permanent locking of the Type 2 cable.

- Integrated RFID reader (NFC / ISO 14443 and MIFARE Classic®).
- Universal, fits all types of electric cars & power supplies.
- Full control with the Easee App or third-party integrations.
- Manufacturer warranty: according to local regulations.

## Safety

### Connection Point Protection

Integrated RCD type A 30 mA AC according to EN 60947-2.  
Integrated RDC-DD 6mA DC complying with IEC 62955, 9.9.  
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.  
Read more at [easee.com/manuals](https://easee.com/manuals)

### Complies with the following regulations

2014/53/EU (RED).  
2011/65/EU (RoHS).  
2014/30/EU (EMC).  
2014/35/EU (LVD).  
See DoC for details at [easee.com/doc](https://easee.com/doc)

## Technical

### Charging power

1-phase: 1.4 kW (6 A) - 7.36 kW (32 A).  
3-phase TN: 4.1 kW (6 A) - 22 kW (32 A).  
3-phase IT: 2.4 kW (6 A) - 12.7 kW (32 A).

### Electrical

Voltage: 3x 230 V / 400 V AC (±10%).  
Grid frequency: 50 Hz.  
Power grid: TN, IT, TT.  
Connection point: Type-2 socket.  
Automatic adjustment of charging speed based on available current.<sup>1</sup>  
Automatic phase balancing.  
Built-in energy meter (±2%).  
Unlimited chargers per site installation.

### Connectivity

Wi-Fi 2.4 GHz b/g/n.  
Bluetooth BLE 4.2.  
Built-in eSim (LTE Cat M1).  
OCPP 1.6.  
Easee Link<sup>RF</sup> (between chargers / between charger and Equalizer).  
Built-in RFID/NFC reader for access control.  
Easee App for control and monitoring.

### General

Dimensions (mm): H: 256 x W: 193 x D: 106.  
Wall mounting (mm): c/c H: 160 x W: 125.  
Operating temperature: -30 °C to +40 °C.  
Weight: 1.5 kg.

## Easee Integrations

Easee Integrations Platform is a versatile solution, enabling effortless connection with the Easee charging infrastructure and its suite of services. Our platform offers a range of tailored options for CPOs and

service providers, ensuring flexibility to meet their specific requirements.

Learn more at [developer.easee.com](https://developer.easee.com).

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