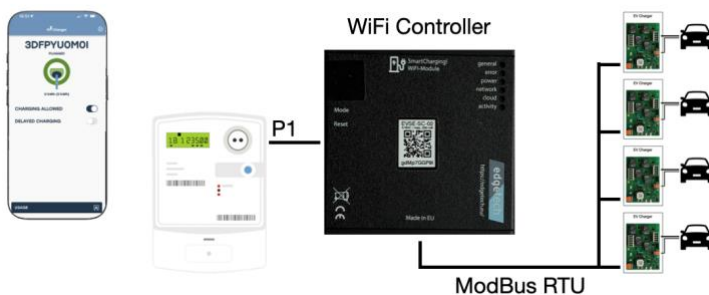


# Edge Smart Load Balancer

The Edgetech Smart Load Balancer is EdgeTech's new generation Load Balancer. Developed for efficient and safe charging of electric vehicles, with support for multiple charging points, dynamic load balancing and integration with smart meters and solar energy.



## Core functions

- Supports up to 10 EVSE C-3x32A charge controllers
- Load balancing and dynamic energy management
- WiFi and Modbus RS485 connectivity
- OCPP 1.6J compatible
- Dimensions: 88 × 90 × 25 mm
- Seamless integration with smart meters (P1)

## Key benefits

- Smart charging with solar energy: using as much self-generated electricity as possible.
- Intelligent load balancing: prevents overloading of the meter box.
- Plug & play: direct connection via P1 port with DSMR5 smart meters.
- Full control: monitoring and management via WiFi and app.
- Compact size: easy to install in the meter box.

## Target Groups & Use Cases

- Installers and integrators of EV charging solutions
- Companies and car parks with multiple charging points
- Private users with solar panels and smart meters
- Business locations with multiple charging stations
- Homes with solar panels that want to optimise smart charging
- Car parks where capacity needs to be distributed efficiently

