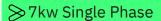


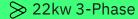
zappi





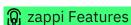
zappi has 3 charging modes which makes it great for all homeowners. Those with grid-tied micro-generation systems like wind or solar can use the eco settings allowing users to save on energy bills. The charging current is automatically and continually adjusted in response to onsite generation and household power consumption. In FAST charge mode, zappi operates like an ordinary EV charging station.





EV Charging From Surplus Solar Or Wind Generation

Dynamic Load Balancing For Maximum Installation Flexibility Advanced Integral **Safety Features**



3 Charging Modes: ECO, ECO + & FAST

Optimises Microgeneration Self-Consumption

Works With Solar PV Or Wind Turbine Systems

Economy Tariff Sense Input

Programmable Timer Function

Charge & Event Logging

Pin-code Lock Function

OLEV (Home/Work Scheme) Approved - HUB required

Tap Operated Display Backlight

Built-in RCD Protection

Integral Cable Holster

Remote Control & Monitoring Add-on Option

Supplied With Clip-on Grid Current Sensor(s)

Works Alongside Battery Storage Systems

A Future Proof Installation

3 Year Warranty

Charging Modes



Charge power is continuously adjusted in response to changes in generation or power consumption elsewhere in the home. Charging will continue until the vehicle is fully charged, even if power is drawn from the grid.

ECO + 🌣

Charge power is continuously adjusted in response to changes in generation or power consumption elsewhere in the home. Charging will pause if there is too much imported power, continuing only when there is surplus free power available.

FAST S



In this mode, the vehicle will be charged at maximum power. This is just like an ordinary Mode 3 charging point.

Performance

Mounting Location Indoor or Outdoor (permanent mounting)

Charging Mode 3 (IEC 61851-1 compliant communication protocol

Display Graphical backlit LCD

Front LED Multicolour, according to charge status and current

Charging Current 6A to 32A (variable)

Dynamic Load Balancing Optional setting to limit current drawn from the unit supply or the grid Connector Type Type 2 tethered cable (6.5m) or type 2 socket with locking system

Charging Profile 3 charging modes: ECO, ECO+ & FAST

Compliance LVD 2014/35/EU, EMC 2014/30/EU, EN 62196, EN 62955:2018 CE certified

Rated Power 7kW (1-ph) or 22kW (3-ph)

Rated Supply Voltage 230V AC Single Phase or 400V AC 3-phase (+/- 10%)

Supply Frequency 50 Hz
Rated Current 32A max
Standby Power Consumption 3W

Residual Current Protection 6mA DC protection

Economy Tariff Sense Input 230V AC sensing (4.0kV isolated)

Wireless Interface 868/915 MHz (proprietary protocol) for wireless sensor & remote monitoring

Grid Current Sensor options 100A max. primary current, 16mm max. cable diameter

Cable Entry Rear, bottom or side

Nechanical Specs

Enclosure Dimensions 439 x 282 x 122mm Protection Degree IP65 (weatherproof)

Enclosure Material ASA

Operating Temperature -25°C to +40°C

% Installation Requirements

Circuit Breaker 32A Curve B recommended

Earthing Arrangement TN: can be connected to the PME supply. Complies with BS7671:2018-

amd1:2020 722.411.4.1 (v)

TT : earth resistance < 200 Ω according to BS 7671:2018, or < 100 Ω for some

vehicles