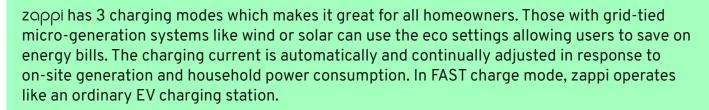
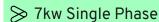


# zappi











**EV Charging From Surplus** Solar Or Wind Generation

Dynamic Load Balancing For Maximum Installation Flexibility Advanced Integral Safety Features



## zappi 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**

## ECO ₹♦

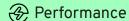
Charge power is continuously adjusted in response to changes in generation or power consumption elsewhere in the home. Charging will continue until the vehicle is fully charged, even if power is drawn from the grid.

## 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.



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



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

## 世 Electrical Specs

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

Integral Earth Leakage Protection 30mA Type A RCD + 6mA DC protection (EN 62955)

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

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

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

Cable Entry Rear, bottom or side

## Mechanical 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

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  $\Omega$  according to BS 7671:2018, or < 100  $\Omega$  for some vehicles

### Model No. Connector Colour Rating ZAPPI-207UW 7kW Untethered White $\bigcirc$ ZAPPI-207TW 7kw Tethered White 7kW Untethered ZAPPI-207UB Black 7kW ZAPPI-207TB Tethered Black Untethered ZAPPI-222UW 22kW (3-phase) White Tethered ZAPPI-222TW 22kW (3-phase) White $\bigcirc$ ZAPPI-222UB 22kW (3-phase) Untethered Black ZAPPI-222TB 22kW (3-phase) Tethered Black