



What Is A zappi?

zappi is a smart EV charger with a difference. Not only does it operate as a traditional EV charger, it can also charge your EV using 100% FREE energy generated from your Solar PV or wind generation.





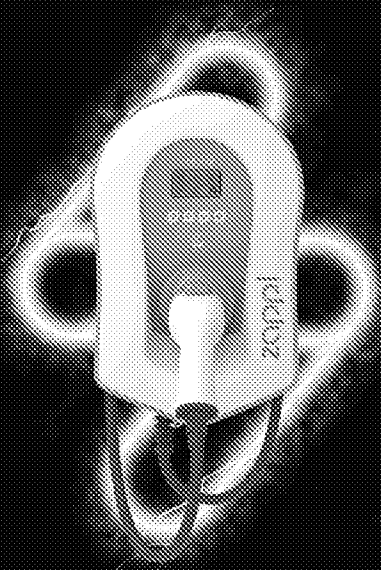
How Does It work?

zappi has special eco charging modes which will benefit home owners with grid-tied micro-generation systems, like wind or solar generation. Charging current is automatically & continually adjusted in response to on-site generation & household power consumption. In FAST charge mode, zappi operates like an ordinary electric vehicle charging station.

The zappi is the only charger of its kind to have PEN fault technology eliminating the need for an earth rod. This makes it cheaper to install, easier to install & the safest charger on the market!

 myenergi

zappi



Electric Car Charger

Eco - Smart



Solar Compatible



UK Made



myenergyl.com

zappi

Electric Vehicle Charging

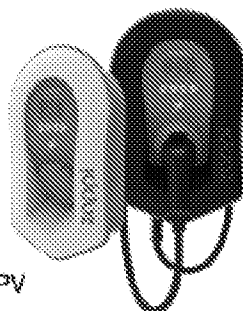


myenergi account

www.myenergi.com

zappi

➤ Charge your EV with your PV



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

➤ The Single Phase ➤ 22kW 3-Phase

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
- Generates Microgeneration Self-Consumption
- Works With Solar PV Or Wind Turbine Systems
- Economy 7/Smart Service Input
- Progressively-Timed Function
- Charge & Event Logging
- Plug-&Charge Function
- OLEV (Overlaid Vehicle) Sited/Not Sited Approval - InBridges.com
- Tap-Operated LED/Light Backlight
- Built-in RCD Protection
- Integral Cable Holder
- Remote Control & Monitoring App on Option
- Supplied With 10-pin Grid Current Detector(s)
- Works Compatible Battery Storage Systems
- 2-Phase Protection
- 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 from power available.
- FAST** In this mode, the vehicle will be charged at maximum power. This is just like an ordinary Mode 2 charging point.

Performance

- Mounting Location: Indoor or Outdoor (permanent mounting)
- Charging Mode: Mode 2 (IEC 61851-1) compliant communication protocol
- Display: Graphical LCD
- Timer: USB multimedia, according to charge status at current
- Charging Control: 0A to 32A (variable)
- Dynamic Load Balancing: Optional setting for grid current drawn from the grid supply or the grid
- Connector Type: Type 2 tethered cable (6.5m) or type 2 socket with cooling system
- Charging Profile: 3 charging modes (ECO, ECO+, & FAST)
- Compliance: IEC 61851-1/5/6/7, EN 61851-2/3/4/5, EN 61851-6/7/8/9, EN 61851-10/11/12, certified

Electrical Specs

- Rated Power: 22kW (3 or 22kW (3 phase))
- Rated Supply Voltage: 230V AC Single Phase or 400V AC 3-phase (r/y - N/G)
- Supply Frequency: 50 Hz
- Rated Current: 32A max
- Standby Power Consumption: 2W
- Integral Earth Leakage Protection: 30mA RCD type A (IEC 61851-1) + 30mA RCD protection (EN 61851-1)
- Emergency Stop Device: Input 230V AC, contact 1A/250V/250mA
- Wireless Interface: 4G/Lte (optional) or 3G/Lte (optional) for wireless control & remote monitoring option
- Grid Current Detector: 100A max (optional) 100A/100V, 100A/100V, 100A/100V
- Cable Entry: Rear, bottom or top

Mechanical Specs

- Enclosure Dimensions: 430 x 180 x 120mm
- Protection Degree: IP54 (weatherproof)
- Enclosure Material: ASA
- Operating Temperature: -20°C to +40°C

Installation Requirements

- Circuit Breaker: 32A (3 or 32A (3 phase))
- Earthing arrangement: TN, center connected to the PSE supply. Complies with BS7671:2018 and BS7671:2018/2019
- TT: earth resistance < 200 Ω according to BS7671:2018, or < 100 Ω for some vehicles

Model Variations

Model No.	Rating	Connector	Colour
2APN-1077W	7.5kW	Unshielded	White
2APN-2217W	7.5kW	Shielded	White
2APN-2217W	7.5kW	Unshielded	Black
2APN-2217W	7.5kW	Shielded	Black
2APN-2220W	22kW (3-phase)	Unshielded	White
2APN-2220W	22kW (3-phase)	Shielded	White
2APN-2220W	22kW (3-phase)	Unshielded	Black
2APN-2220W	22kW (3-phase)	Shielded	Black

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Want it put Simply?

zappi will charge any electric vehicle (EV) or hybrid. It comes with a charging cable attached or not, this option is called tethered or untethered. It has 3 charge modes - ECO, ECO+ & FAST, the eco options are using solar or wind generated energy, you are in control of how you are charging!

Zappi has advanced integral safety features, this saves time and money on the installation process.

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