









# ZAPPI V2. 1



## FEATURES

-  Single or 3 phase charger
-  7kw single phase or 22kw 3 phase
-  Adaptive ev charger that can use grid, solar or both
-  Smart phone app tracking & scheduling
-  3 charging modes – eco, eco+ & fast
-  Works alongside battery storage
-  6.5m charging cable
-  3 year warranty

## SPECIFICATIONS

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

# SPECIFICATIONS

## 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

### 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

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