ZCS AZZURRO

CHARGING STATIONS FOR ELECTRIC VEHICLES

7 and 22 Kw

The **Zucchetti Centro Sistemi (ZCS) charging stations** are available with 2 power levels of 7 and 22 KW, single-phase and three-phase, smart and connectable to any existing photovoltaic system, and to the ZCS Azzurro production and storage inverters.

The **entire range** is equipped with the innovative **ZCS Predictive Energy Intelligence** system, capable of managing energy flows and predicting energy needs for the most efficient use of electric vehicles, photovoltaic systems and storage systems.

The **ZCS Predictive Energy Intelligence** system makes it possible to:

1- Predict the amount of power produced based on weather forecasts.

2- Distribute the energy produced between the car and home according to the user's needs and to the number of kilometres to be travelled.

3- Optimise energy withdrawal from the grid.
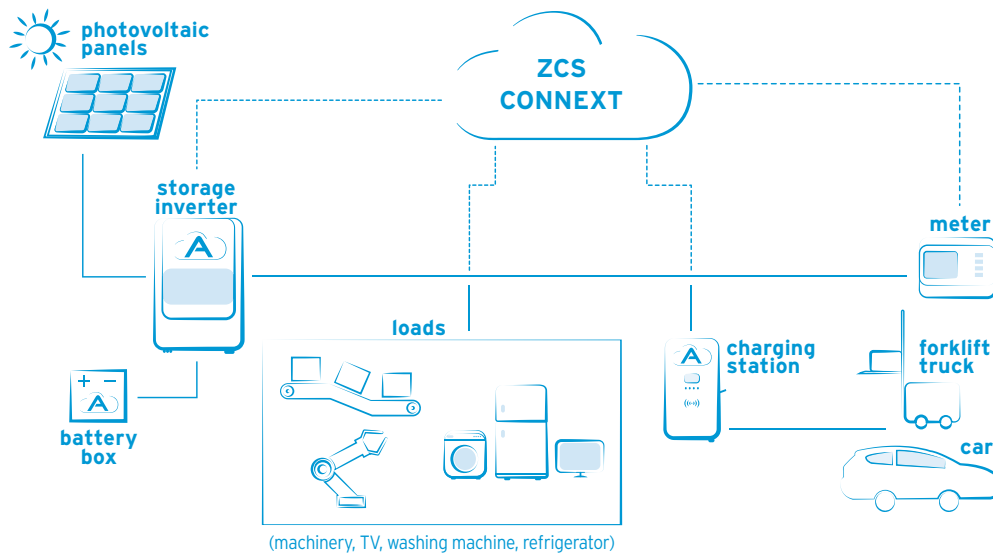
» **COMPATIBLE WITH ALL ELECTRIC VEHICLES**

» **POSSIBILITY TO MONITOR AND CONTROL MULTIPLE DEVICES**

» **EASY INSTALLATION ON WALL OR SUPPORT**

» **TOUCH DISPLAY AND KEYPAD**

FIELDS OF APPLICATION:
› Domestic-residential
› Shops and small businesses
› Industries
› Car parks in shopping centres and supermarkets
› Hotels
› Places of public interest
› Gyms and sports facilities
› Wherever an electric car can be parked...

(machinery, TV, washing machine, refrigerator)

TECHNICAL DATA	1PH 7KW	3PH 22KW
AC Input data		
Type of connection	Single-phase (1PH + Neutral + PE)	Three-phase (3PH + Neutral + PE)
AC input voltage	230V +/- 10%	400V +/- 10%
AC input frequency	50Hz	50Hz
AC Output data		
AC output voltage	230V +/- 10%	400V +/- 10%
Maximum AC output current	32A	32A
Maximum Power	7.4 kW (limitable from display)	22 kW (limitable from display)
General data		
Outer casing material	Plastic PC940	Galvanised steel
Front panel	Tempered glass	Tempered glass
Installation	To wall / On support metal	To wall / On support metal
Connector	Type2 Connector with shutter – cables not included (optional)	Type2 Connector with shutter – cables not included (optional)
LCD screen	Graphic screen	Graphic screen
Controls	4 touch keys – contact for RFID	4 touch keys – contact for RFID
RFID card	2 included	2 included
Energy Meter	MID Certificate	MID Certificate
RCD protection	TypeA + 6mA DC	TypeA + 6mA DC
Protection class	IP54	IP54
Cooling	Natural convection	Natural convection
Environmental Data		
Operating temperature	-30°C / +50°C	-30°C / +50°C
Humidity	5% / 95% non-condensing	5% / 95% non-condensing
Maximum operating altitude	2000m	2000mt
Installation	Indoor / Outdoor	Indoor / Outdoor
Safety protections		
Integrated protections	Over and under voltage, power overload, short circuit, dispersion currents, missing ground connection, surge, over and under temperature	Over and under voltage, power overload, short circuit, dispersion currents, missing ground connection, surge, over and under temperature
Applicable safety standards	IEC 61851-1: 2017, IEC 62916-2: 2016	IEC 61851-1: 2017, IEC 62916-2: 2016
Warranty	2 years	2 years
Dimensions and parts accessories		
Dimensions (H ÷ L ÷ D)	356mm ÷ 221mm ÷ 136mm	452mm ÷ 295mm ÷ 148mm
Weight	3 kg	10 kg
Accessories	Communication gateway (Ethernet/ WIFI/4G), Ground mounting support, Type2-Type2 cable (4m)	Communication gateway (Ethernet/ WIFI/4G), Ground mounting support, Type2-Type2 cable (4m)