

# ZCS Azzurro HUB



- » **Advanced monitoring system:** up to 32 inverters, 16 wallboxes and 4 meters, for complete control of the energy system
- » **Intelligent feed-in power control:** feed-in function to maximize self-consumption and optimize energy management
- » **Extended compatibility:** support for wallboxes and ZCS devices of all generations, with CAN, RS485 and TCP protocols
- » **100% green charging:** possibility to recharge vehicles exclusively with photovoltaic energy
- » **Battery protection:** Advanced charging management feature that optimizes battery use to extend battery life
- » **Dynamic charging management:** Possibility to charge several vehicles at the same time, intelligently distributing the available energy
- » **Reactive power control:** Advanced management of photovoltaic systems for greater efficiency and grid stability
- » **Monitoring and management of ZCS heat pumps,** for optimal integration with the domestic energy system
- » **Energy Management System (EMS) for large storage systems (Power Magic, Power Master...),** ensuring efficient and scalable energy management



TECHNICAL DATA	ZCS HUB
<b>General technical data</b>	
Dimensions (H*W*D)	90mm*105mm*65mm
Weight	300g
Protection class	IP20
Montage	DIN rail mounted (6 modules)
Feeding	Built-in 110V-230V power supply
Operating temperature range	0°C... +40°C
Permissible relative humidity range	0...95% non-condensing
User Interface	Web server, App, LED
Other interfaces	Bluetooth, Access Point
Communication ports with Azzurro devices	3x RS485, CAN bus, Ethernet, USB C
Current Sensor Input Ports	2
Additional input/output ports	4 x Relay NO/NC, Temperature sensor
Portal communication	Wifi, Ethernet
EMC Compatibility	EN 55032 (EMI), EN55035 (EMS) - class B
Guarantee	2 years
Consumption	< 10W