

# AZZURRO - MONITORING SYSTEMS

The **ZCS Azzurro monitoring** systems are the ideal solution for the complete control and display of all the important parameters of all types of PV systems.

The wide range of options allows meeting any requirement: from the basic solution to more complete and complex monitoring solutions.

The most complete monitoring solutions allow connecting external devices and a separate power supply unit for monitoring not only the inverters, but also the consumption of the entire system at all hours of the day.

## SIMPLE AND RELIABLE



- Communication protocols with automatic inverters
- Possibility to monitor up to 31 inverters

## SIMPLE INSTALLATION



- Plug-and-play installation
- Easy to access and easy to configure

TECHNICAL DATA	ZSM-WIFI-KIT	ZSM-WIFI-EXT	ZSM-ETH-EXT	ZSM-DATALOG-04	ZSM-DATALOG-10	ZSM-RMS-001/M200	ZSM-RMS-001/M1000
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General data							
Installation	Inside the inverter on communication board	On the mechanics of the inverter (dedicated slot)	Free				
Communication with inverter	RS232			RS485			
Number of connectable inverters	1			Up to 4	Up to 10	Up to 31 (for installations with total power < 200kW)	Up to 31 (for installations with total power >200kW)
Power supply	Inside inverter			External by means of dedicated power supply (included)			
Optional back-up battery	No			Yes			
Configurability	Access to dedicated WebServer page					No configuration required	
Connection with APP / Portal	Wi-Fi		Ethernet	Wi-Fi, Ethernet			Ethernet
Other communication ports	No			2x USB 2.0, HDMI, I/O			
Additional features	No			Option to connect to external metres and sensors for monitoring consumption and reporting to recognised customs agencies			
List of compatible inverters	List 1*	List 2**		All storage and hybrid inverters of the Azzurro series			

\*List 1: 1100TL, 1600TL, 2000TL, 2700TL, 3000TL, 3000TLM, 3680TLM, 4000TLM, 4600TLM, 5000TLM, 6000TLM (integrated in the WS models), ME3000SP (integrated)  
 \*\*List 2: 3KTLM-G2, 3.6KTLM-G2, 4KTLM-G2, 4.6KTLM-G2, 5KTLM-G2, 6KTLM-G2, 3.3KTL, 4.4KTL, 5.5KTL, 6.6KTL, 8.8KTL, 11KTL, 12KTL, 10000TL, 15000TL, 17000TL, 20000TL, 30000TL, 33000TL, 36000TL, 40000TL, 50000TL, 60000TL, 70000TL, 20000TL-G2, 25000TL-G2, 30000TL-G2, 33000TL-G2, HYD 3000-ES, HYD 4000-ES, HYD 5000-ES, HYD 6000-ES,



Wi-Fi Module



Ethernet Module



Easy Datalogger



Professional Datalogger

## APP AND PORTAL FOR MONITORING THE PV SYSTEMS



The entire range of ZCS Azzurro inverters can be easily monitored using the ZCS APP and portal. The ZCS Azzurro APP can be downloaded free of charge from Google Play and the App Store and is easy to configure.

Both systems allow creating graphs indicating production, consumption and other essential information. The data is automatically updated every 5 minutes.



### EASY AND USER-FRIENDLY



- APP downloadable from Play Store
- Customisable graphs
- The entire range of inverters can be monitored
- User-friendly interface

### ZCS AZZURRO APP

