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



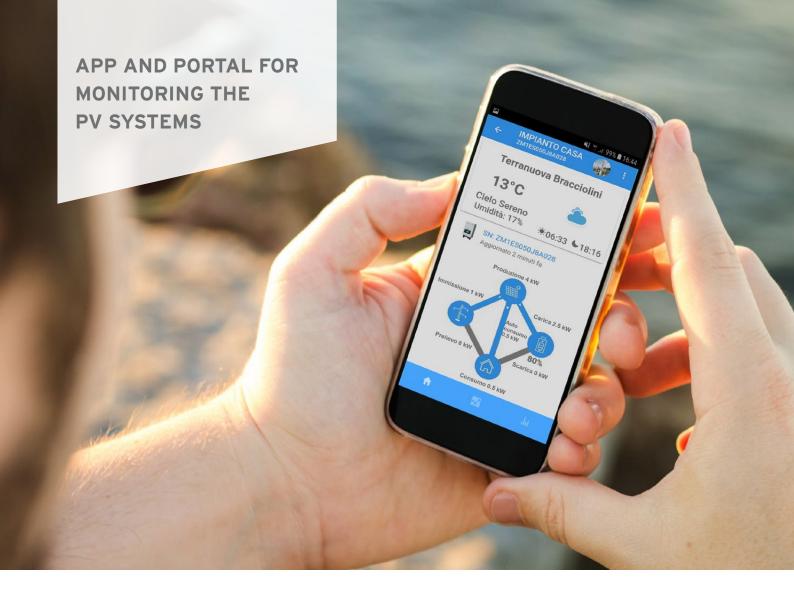
- Plug-and-play installation
- Easy to access and easy to configure

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	
General data								
Installation	Inside the inverter on communication board On the mechanics of the inverter (dedicated slot)				Free			
Communication with inverter	RS232				RS4	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 consumptior and reporting to recognised customs agencies		
List of compatible inverters	List 1* List 2** All storage and hybrid in					verters 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, 4.KTLM-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, 30000TL, 36000TL, 40000TL, 50000TL, 60000TL, 70000TL, 20000TL-G2, 25000TL-G2, 30000TL-G2, 3000TL-G2, HYD 3000-ES, HYD 4000-ES, HYD 5000-ES, HYD





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



