

WHITE

50 Hz - 60 Hz



INVERTER CONTROL BOX



Made in Italy

WHITE

INVERTER CONTROL BOX

WHITE series of inverter electronic panels are developed for the control of asynchronous electropumps and are suitable for installation both on new systems and on existing ones.

MAIN FEATURES

- Extremely durable aluminum box, with excellent thermal dissipation
- Cooling fan that activates on demand
- IP55 protection class
- Smartphone interface
- 2 digital inputs configurable via app
- 2 digital outputs configurable via app
- 1 analog input 4-20mA (dedicated to pressure gauge)
- 1 analog input 4-20mA or 0-10V
- RS485 MODBUS RTU
- Bluetooth® SMART 4.0

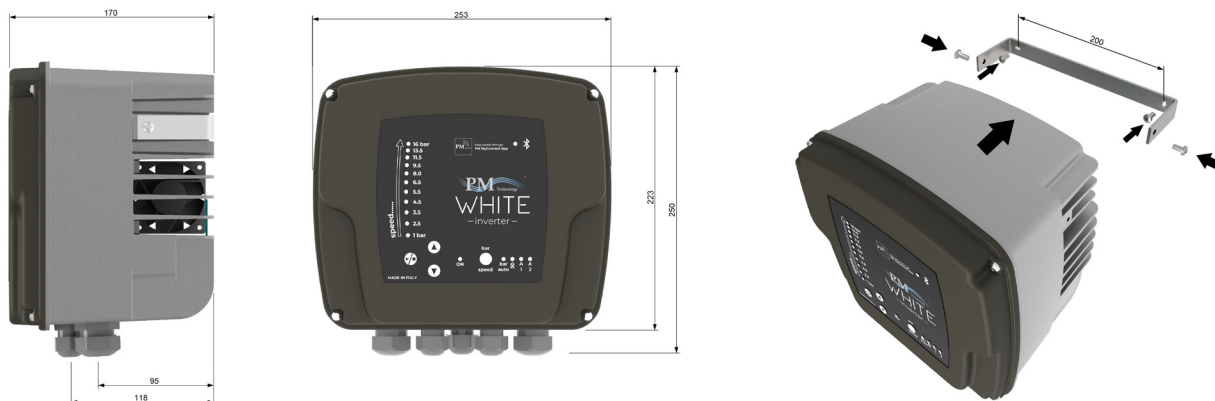
PROTECTIONS

- Protection against dry running
- Protection against over and under voltage
- Electrical protection against motor overload
- Protection against no-phase
- Protection and control of maximum operating temperature

APPLICATIONS

- Water supply
- Submersible pumps
- Water distribution
- Pressurization
- Irrigation systems
- Water treatment
- Industrial cooling or heating systems
- Fountains

DIMENSIONS



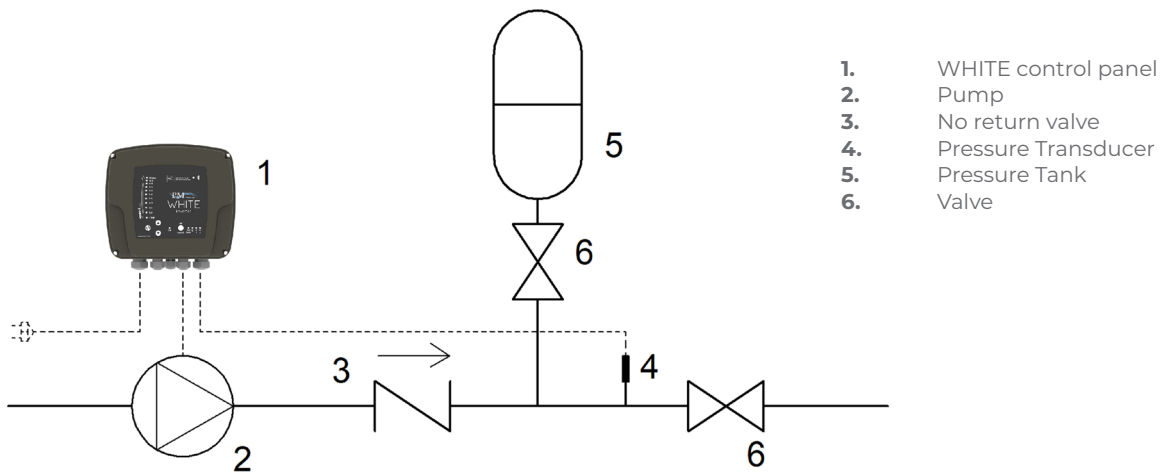
SPECIFICATIONS WHITE - 50/60Hz

Type	V _{in}	V _{out}	Motor I _{max} [A]	Motor P _{2,max} [kW]	Weight [Kg]	Dimension [mm]
WHITE 102	1x230	3x230	7.5	1.5	4.3	253 x 250 x 170
WHITE S 102	1x230	1x230	11	1.5	4.3	253 x 250 x 170

ADVANTAGES

- Device easy to use and intuitive.
- It ensures the protection of the electropump and the system thanks to specific parameters and controls.
- It extends the life of the electropump: working at a lower speed, it allows to stress less the mechanical parts of the same.
- Possibility to work even in wet environments (IP 55 protection class).
- It guarantees energy savings.
Thanks to WHITE, the electropump can work at variable speed, keeping the pressure constant. The energy consumption will therefore vary according to the real water needs with a consequent economic saving.
- Flexibility: thanks to PM MyConnect app, it's possible to expand the uses and set about 50 parameters in order to adapt the system to the needs of the plant.
- Simplified service procedure: thanks to PM MyConnect app, it's possible to send the current inverter configuration to the PM technicians, in order to analyse any problems or simply to make specific corrections for the system.

CONNECTION DIAGRAM

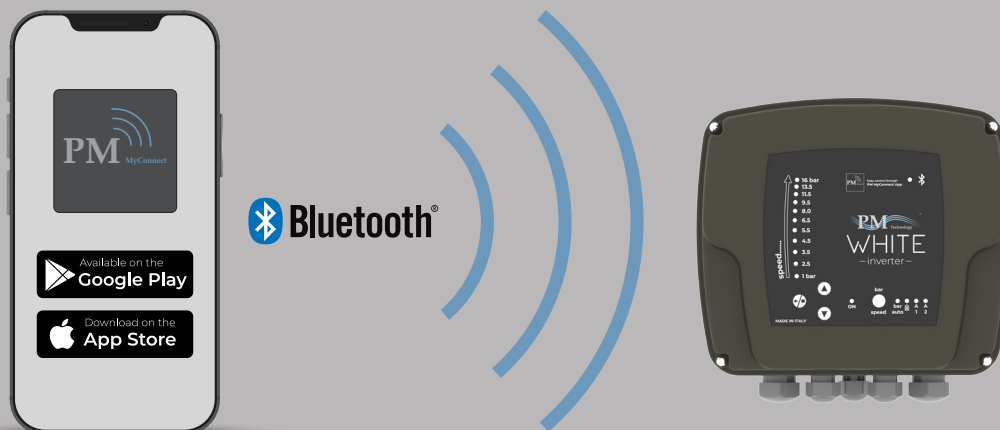


CONTROL THROUGH PM MyConnect App

Thanks to PM MyConnect, it's possible to communicate with all WHITE series devices via Bluetooth®. This app has been specifically developed to:

- Set the nominal sizes of the electropump
- Display the operating parameters
- Program digital inputs and outputs to add functionality to the system
- Receive assistance
- Monitor the electrical consumption and the life hours of the electropump

PM devices in your hands.





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