

REMOTE CONTROL PANEL



The remote control is a management tool, supervision and safety for PAGURO.

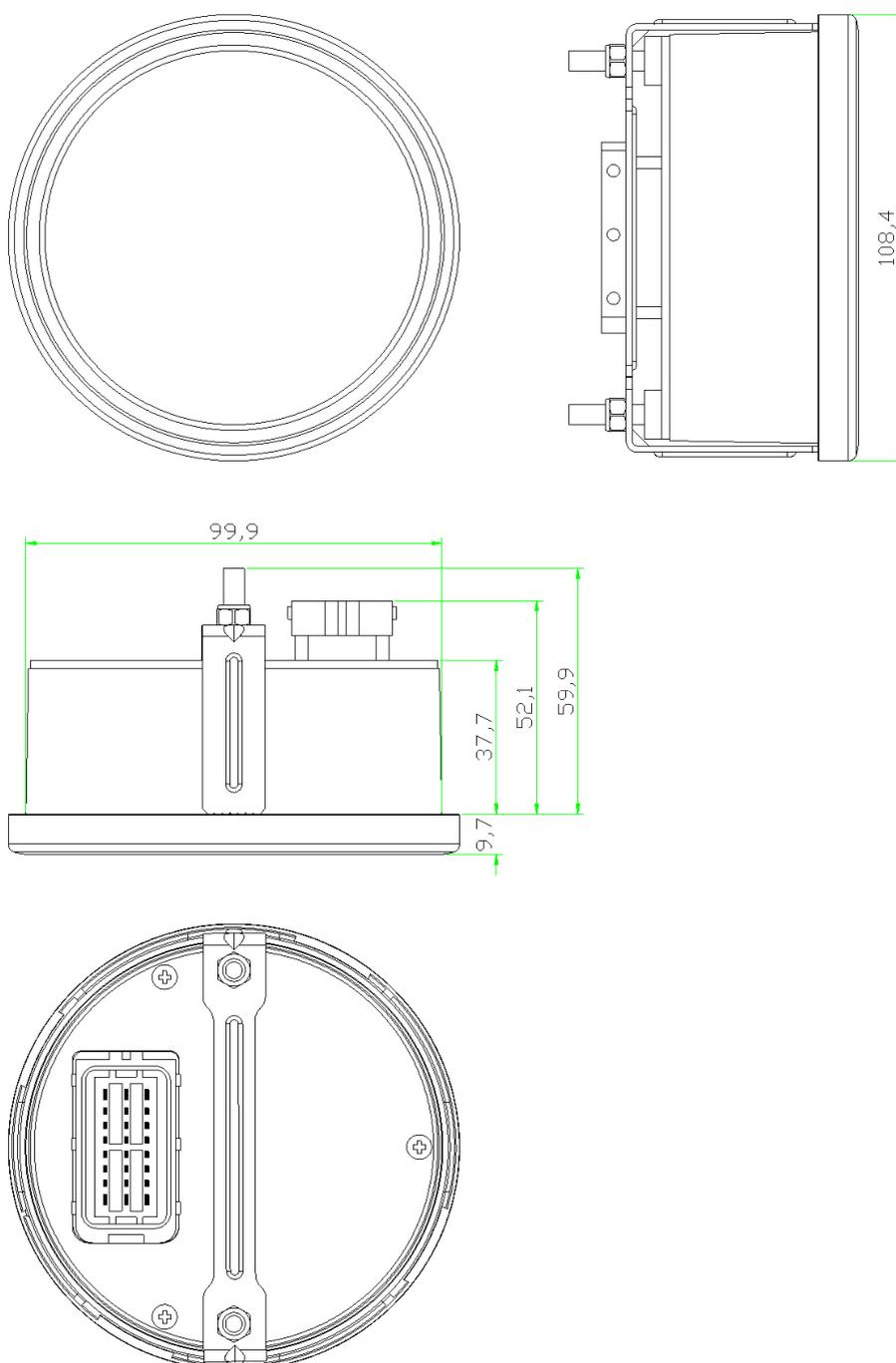
It has a graphical LCD with white backlight, to display engine speed, supplied current, frequency and hour-counter; it is equipped with a light for quick view of the generator alarm.

GENERAL INFORMATION	
Sizes	ref.: DIMENSIONS
Weight	≈ 290 gr
Electronic protection	IP65
Electronic protection - connectors	IP65
Operating temperature	-10 – 60 °C
Feeding	8 / 30 V DC
Consumption	≈ 122 mA + Pre alternator excitation
Display	LCD graphical 128x64 white backlight
Buttons	4

ELECTRICAL CONNECTIONS (PAGURO / 8 WIRES BLUE CABLE / CONTROL PANEL):

CONNECTOR 8 PIN	CABLE 15 MT	CONNECTOR 24 PIN	DESCRIPTION
1A	RED	8A e 4C	BATTERY POSITIVE
2A	BROWN	1A	FUEL SHUT-OFF VALVE
3A	GRAY	3C	STARTING MOTOR
4A	GREEN	3B	SENSORS (TEMP. / PRES.)
1B	BLACK	8C	BATTERY NEGATIVE
2B	YELLOW	1B	PREHEATING
3B	WHITE	5A	LOAD INDICATOR
4B	BLUE	7C	GENERATOR RUNNING
///	///	3A	AUTOMATIC STARTING (ON REQUEST)

DIMENSIONS:

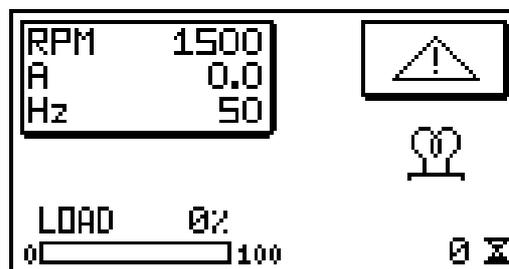


FUNCTIONAL DESCRIPTION:



POS.	TYPE	DESCRIPTION
DISPLAY	LCD	Graphical display white backlighted
UP ARROW	BUTTON	Up button, ESC button if kept pushed
DOWN ARROW	BUTTON	Down button, ENTER button if kept pushed
START	BUTTON	START button
STOP	BUTTON	STOP button
TRIANGOLO	ALARM LED	Alarm

DISPLAY LCD:



The remote control panel is a device to start, stop and manage the generator.

As soon it is fed, for few second the display shown the VTE logo, then appears according the following picture.

The displayed parameters are the following:

- engine speed: RPM
(traditional alternators)
- current supplied: A
- frequency: Hz
(traditional alternators)
- hour-meter: hourglass
- load indicator: % e bar
- pre heating: glows
(PAGURO 6000 / 9000 / 14000 / 18000 / 6500 / 8500 / 16500 / 22 EK / 9000v / 12000v)

PAGURO STARTING AND STOPPING:

GENERATORS WITHOUT PREHEATING (PAGURO 2000 / 3 SY / 3000 / 4 SY / 4000 / 5000 / 12500):

- To start push and keep pushed START button up to the generators is started.
- To stop push and release STOP button.

GENERATORS WITH PREHEATING (PAGURO 6000 / 9000 / 14000 / 18000 / 6500 / 8500 / 16500 / 22 EK / 9000v / 12000v):

- To start push and keep pushed START button; the remote control panel let start the preheating procedure and then after 10 sec., automatically let start the generator; release the START button when the generator is started.
- To stop push and release STOP button.

ALARM MANAGEMENT:

The control panel monitors several parameters to detect anomalies on the generator and turn it off if necessary to avoid damage; the controlled parameters are the following

- overtemperature / low oil pressure:
the generator stops, and the display appears the alarm and the red light is lighted.
- electrical overload:
the generator does not stop and the red led is lighted. A proper circuit breaker must always be installed on the board plant.

In the case of activation of an alarm will appear an indication relating to the alarm; to reset the alarm, proceed as follows:

- push either UP ARROW or DOWN ARROW buttons: on the display disappears the alarm. The red light remains lighted.
- push and keep pushed for 5 sec either UP ARROW or DOWN ARROW buttons: the red light turn off.

AUTOMATIC STARTING DEVICE (ON REQUEST):

The remote control panel has normally opened (NO) contact that when closed it let start the generator, when opened it stops the generator. Contacts available on the 24 pins connector between pins 3A and 8C.