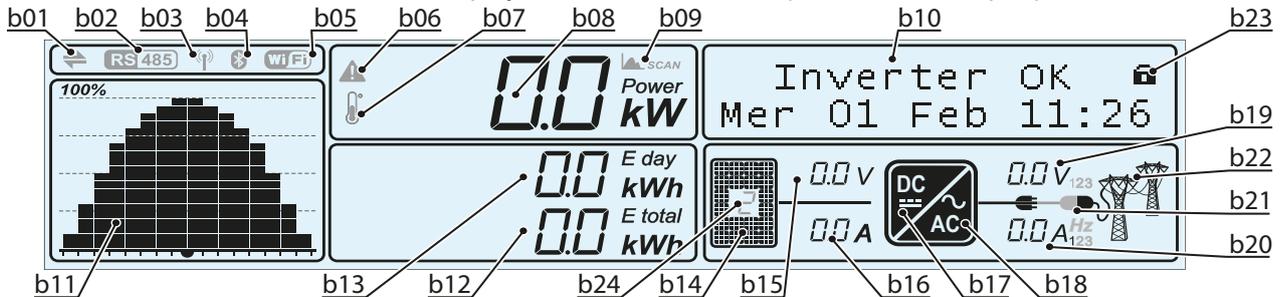


Display and keyboard

Display fields and symbols description

Using the display, operating parameters for the equipment are shown. signals, alarms, channels, voltages, etc.

The display, when in operation, behaves dynamically, allowing cyclical display of certain information (see relevant chapter).

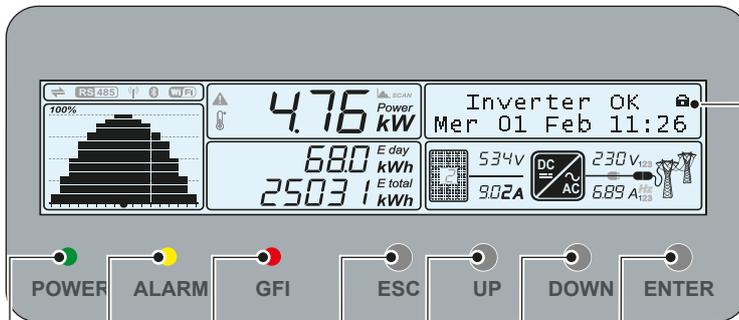


Ref.	Description
b01	Indicates transmission and reception of data through the RS485 line
b02	Indicates presence of the RS485 communication line
b03	Indicates presence of the radio communication line (radio module board installed)
b04	Indicates presence and readiness of the Bluetooth communication line (NOT available)
b05	Indicates presence and readiness of the WiFi communication line (NOT available)
b06	Reports an active power derating for out-of-range input voltage or power restrictions set by the grid manager or by the display
b07	Reports a power derating due to high internal temperature
b08	Instantaneous power placed on the grid
b09	MPPT SCAN function active
b10	Text lines to cyclically display the inverter parameters, error codes, and for menu navigation
b11	Graph of power introduced to grid (from 0 to 100%). Timescale can be set to 8/16/24 hours
b12	Displays the total energy from the inverter installation
b13	Shows the energy produced throughout the day
b14	Indicates that the PV generator voltage is greater than the inverter Vstart
b15	Input voltage (DC)
b16	Input current (DC)
b17	Indicates the DC/DC input circuit (Booster)
b18	Indicates the DC to AC conversion circuit
b19	Output voltage of phase highlighted
b20	Output current of phase highlighted. At the end of the currents display the grid frequency (Hz) is shown
b21	Connection to the grid:  Inverter not connected /  Inverter connected
b22	State of grid voltage: Icon absent: grid voltage not present Flashing icon: grid voltage present but outside parameters set by the standard grid Icon present: Grid voltage present and within parameters set by the standard grid
Main menu scrolling mode:	
b23	 CYCLIC: Cyclic display of the main parameters of the inverter.  LOCKED: Display locked on the screen to be constantly monitored.
b24	Indicates the channel which refers to the values of voltage and input current displayed. In the event of independent channels, parameters are displayed cyclically (channel 1 or 2)



Description of keyboard and LED Panel

Using the combination of keyboard keys, under the display, it is possible to set values or scroll through the data items to view them. LED indicators are located alongside the keyboard, indicating the operating state of the inverter.



By pressing and holding the ENTER key, the cyclical display of the parameters can be:

- 🔒 Locked
- 🔄 Cyclical

Allows you to confirm the operation or enter the data set.

Allows you to read through the data in descending order on the display, or when inserting, correct the value set by reducing it

Allows you to read through the data in ascending order on the display, or when inserting, correct the value set by increasing it

Allows you to exit the current mode

The "GFI" (ground fault) LED indicates that the inverter has detected a ground fault in the DC side photovoltaic generator. When this fault is detected, the inverter immediately disconnects from the grid and displays the relevant error indication on the LCD display.

Indicates that the inverter has detected an anomaly. The type of problem will be shown in the display

Indicates that the inverter is functioning correctly.

When the unit is commissioned, while the grid is checked, this LED blinks. If a valid grid voltage is detected, the LED remains continuously lit, as long as there is sufficient sunlight to activate the unit. Otherwise, the LED will continue to blink until the sunlight is sufficient for activation. In this phase, the LCD display shows the message "Awaiting sun..."

The LEDs, in various multiple available combinations, can signal multiple conditions other than the original single condition; see the various descriptions explained in the manual.

The Keys, in various multiple available combinations, allow you to access actions other than the original single action; see the various descriptions explained in the manual.