

	Document Code:	
	Title: 4-line display features	Pag. 1 di 5

You can now configure the information you want to display on the four lines available from the following parameters.

- Measured value: current and voltage value.
- Set point values and messages: Alternates every 3 seconds the display of the set-point and the current message.
- Ramp time / Phase time (hh:mm:ss): Displays the remaining time of the current Ramp or Phase
- Partial AH / Partial Limit AH: Alternates every 3 seconds between the partial AH and the partial limit AH set.
- Total AH / Total Limit AH: Alternates every 3 seconds between the total AH and the total limit AH set.
- Grand Total AH: grand total energy in AH is displayed.
- Empty line.

To change the parameters and line where these are displayed you can select “display parameter” on main configuration menu.

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The following pictures show the default parameters displayed in 3 modes of operation of the rectifier:

Stand-by mode: shows the following fixed parameters that can't be changed.

Stand-by mode:



- Line 1: Firmware name and revision.*
- Line 2: Measured values.*
- Line 3: Grand Total Ampere meter, in A Hour.*
- Line 4: Message*

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DC or DCR Mode: Default Parameters, that the user can change, with the rectifier output set to a certain current or voltage.

DC mode Example 1 (user can change)



- Line 1: Measured values.*
- Line 2: Ampere set point and message that alternates every 3 seconds*
- Line 3: Partial Energy meter and limit in A Hour that alternates every 3 seconds*
- Line 4: Total Energy meter and limit in A Hour that alternate every 3 seconds.*

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DC mode Example 2 (user can change)



Line 1: Measured values.

Line 2: Voltage set point and message alternate every 3 seconds

Line 3: Partial Energy meter and limit in A Hour alternate every 3 seconds

Line 4: Total Energy meter and limit in A Hour that alternate every 3 seconds.

DC or DCR Waveform Mode: Default Parameter, that user can change, with rectifier following a programmed waveform:

Example 3 (user can change)



Line 1: Measured values.

Line 2: Ampere or voltage set point and message alternate every 3 seconds.

Line 3: count down of ramp time or count down phase time (hh:mm:ss)

Line 4: Partial Energy meter and limit in A Hour that alternate every 3 seconds.

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Line 1: Measured values.

Line 2: Ampere or voltage set point and messages.

Line 3: count down of ramp time in hh: mm: ss or count down phase time, if ramp is executed.

Line 4: Partial Energy meter and limit in A Hour alternate every 3 seconds.

List of messages:

The message list changes depending on the firmware. The following is a list of the most common messages:

EMERGENCY!: the rectifier has been turned off using the emergency switch

THERMAL ERROR!: thermal error detected

CHECK ERROR!: output check error detected

UNDER VOLTAGE!: under voltage error detected

OVER VOLTAGE!: overvoltage error detected

WAIT OFF!: waiting the pressure of the OFF button to turn off the end of cycle alarm

MAN WAVEFORM PROGR: a valid manual waveform has been programmed

STATUS OK: everything OK

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