GTEC UPS MODEL:

MUST400

Instruction self aging test

SERVICE DOCUMENT

Doc.	Written	Approved	Date	Rev.	Description	Rif.
IS32-ENG	ZBE	SNI	20/02/2017	00	SelfAging Test	xxx

Instruction
SelfAging test UPS MUST400

1. Part necessary

- Cable USB-RS232 + cable RS232 with connector DB9 Female-Female with pin 2 and 3 crossed
- Computer with Service SW MTR

2. PRELIMINARY check

2.1 FW check

You can use the self-aging only if the FW are:

- DSP control BYPASS: V3.046 or later
- DSP REC: V3.026 or later
- DSP INV: V3.030 or later

WARNING: ALL PM present on the cabinet must have the same FW.

2.2 System Setting

Before start the SelfAging procedure verify:

- The batteries are not connected
- The load is not connected
- The Cabinet Swiths Q1 input and Q3 Output are open

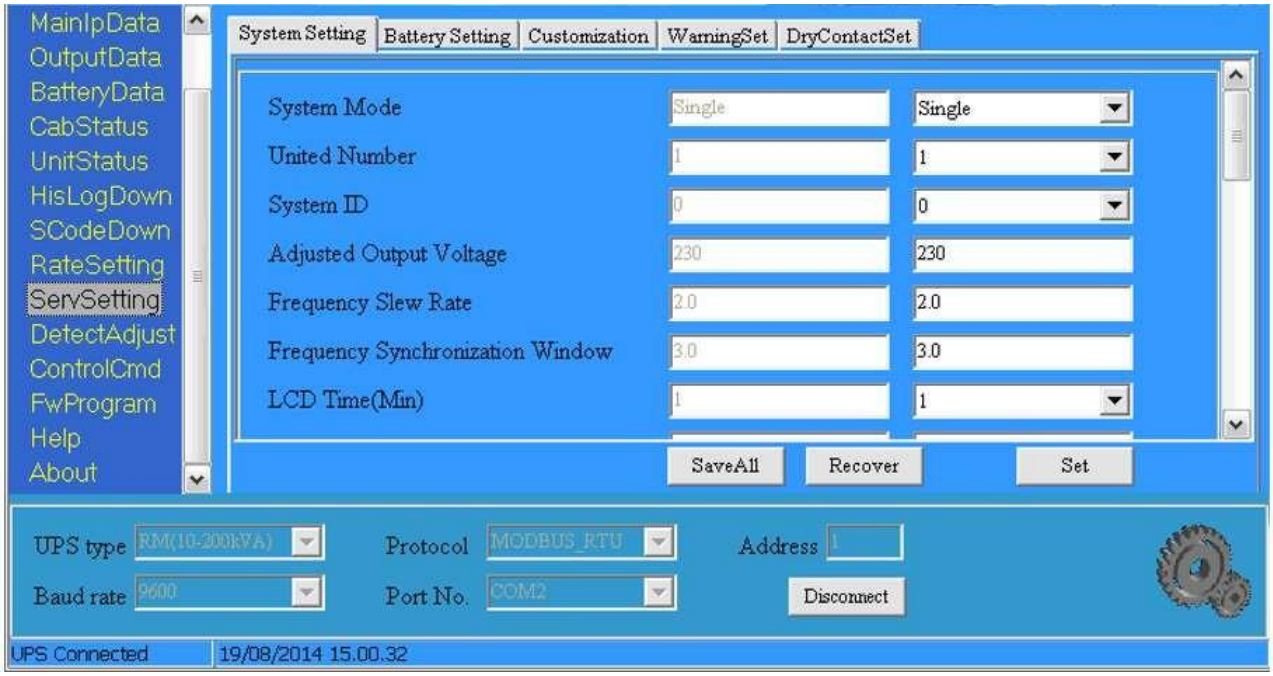
WARNING: While SelfAging is active is forbitten use the swith Q*2 manual bypass.*

3. SELF-AGING PROCEDURE

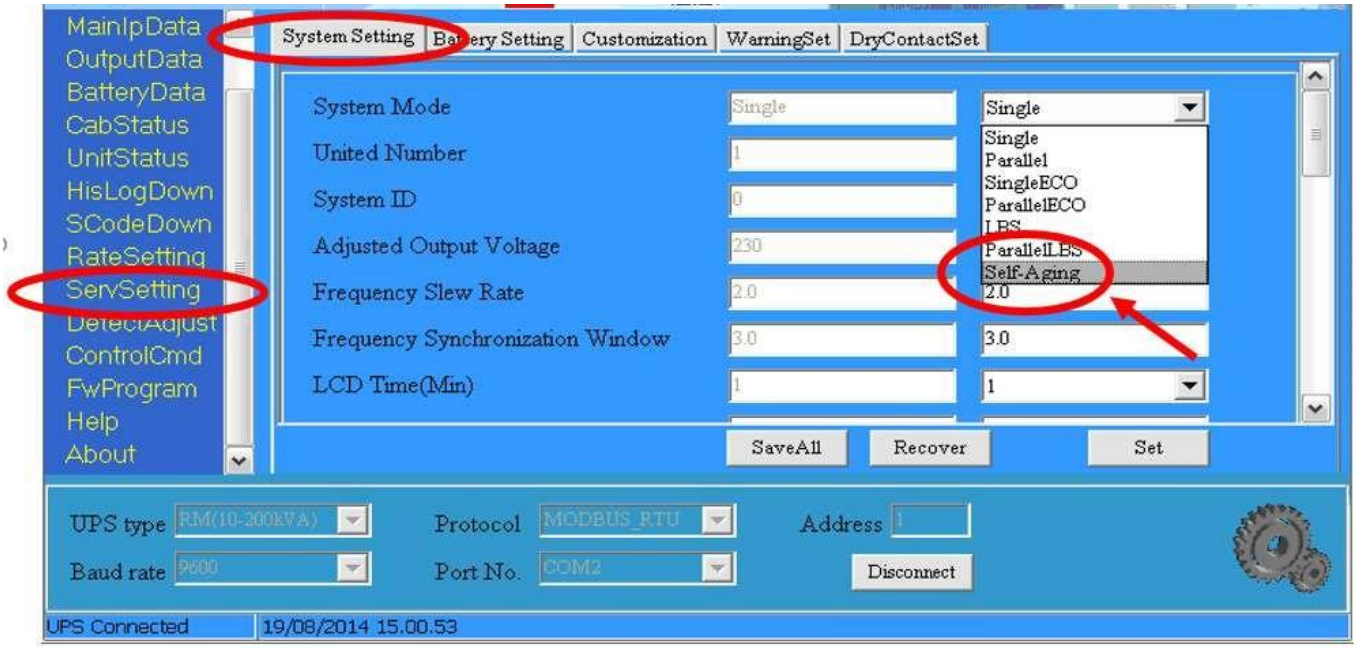
Supply the Cabinet

Connect the PC to the cabinet RS232 port

Start MTR SW and connect it to UPS



In the menu “Servsetting” , menù “System setting” , item System mode set “Self-Aging”



In the same menu check the item “Aging Current (%)” is set to 30 than send the comand Set.

Check the Cabinet LCD, there have to be the write “(AGING?)”

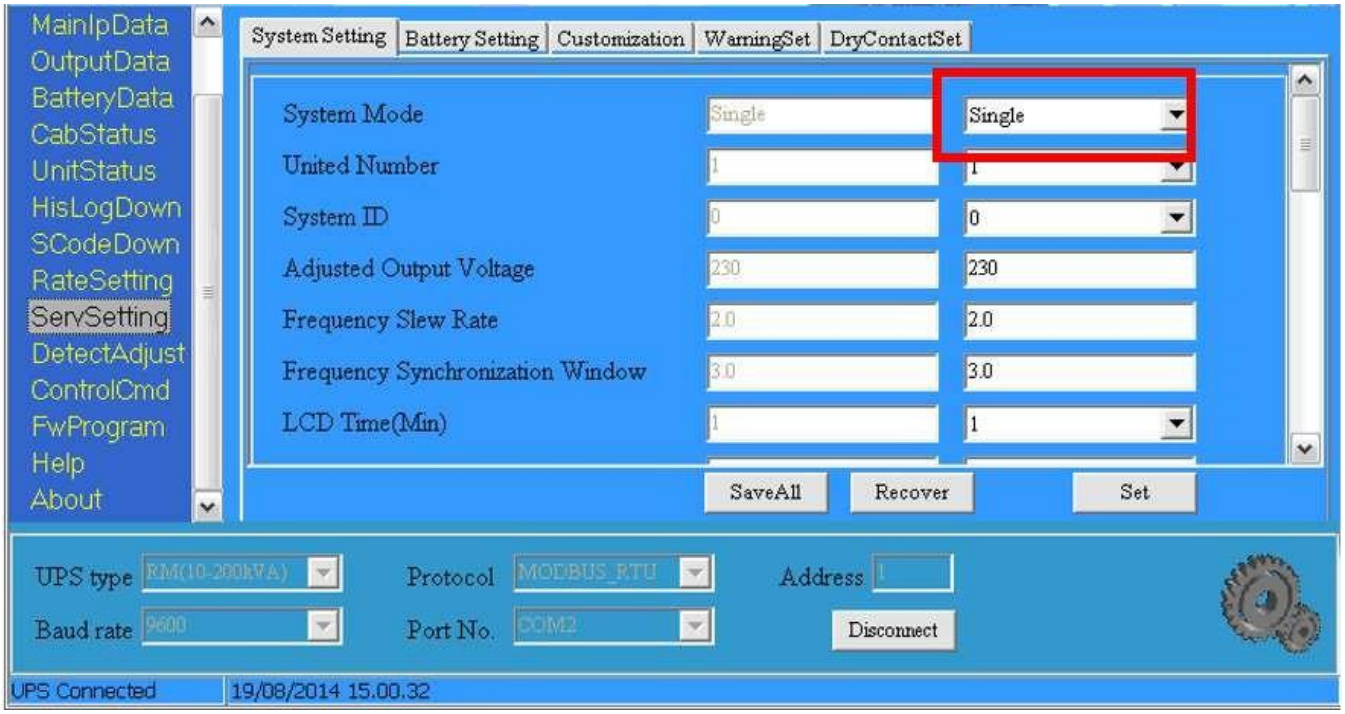
Now you can activate the SefAging, press at same time the bottoms “ENTER” + “ESC”. Check that after 1min. the led INV goes ON and on LCD there is written “(A)” blinking.

Now the system is in Self-Aging mode at 30%. You can modify the load % in the item “Aging Current (%)”. The range is from 30% to 100%.

4. EXIT from SELF-AGING

To go back to normal mode follow this instruction:

- On LCD give the command transfert Bypass.
- On SW MTR set the mode “Single”



- Select the icon “Disconnect” and disconnect the cable RS232
- Open the swiths Q1 input and Q3 output and wait the system will shutdown.
- Swith ON the system and verify it is in normal mode.