

Battery Charger Upgrade – EVAC Tutondo

To begin:

Please:

- Install Microchip tool contained in the folder “Microchip upgrade tool”

Please verify that Tutondo diagnostic tool works, you just need to launch the “exe” file:

UPS54_xxx_lite.exe (xxx = actual version) contained in the folder “Tutondo UPS monitoring tool - lite edition”

If it doesn't start you need to install the free Microsoft tool: dotNet framework 2.0:

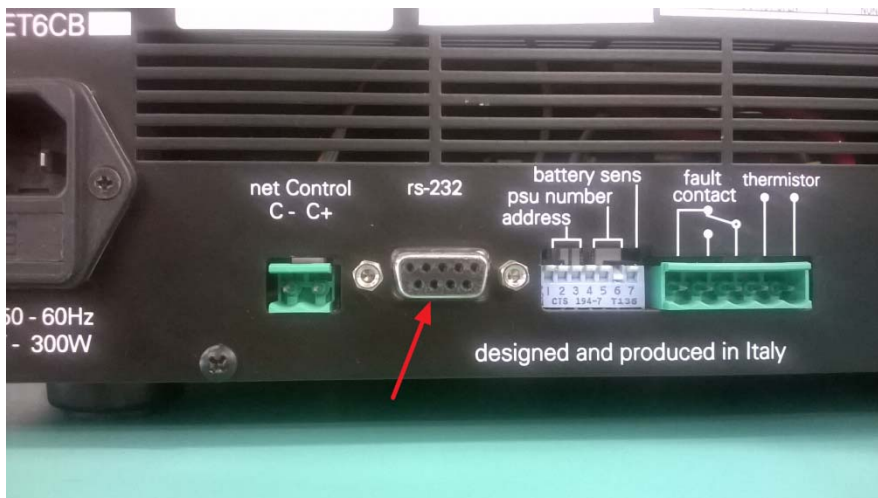
<http://www.microsoft.com/it-it/download/details.aspx?id=1639>

You need also a PC with serial port or USB – serial converter.

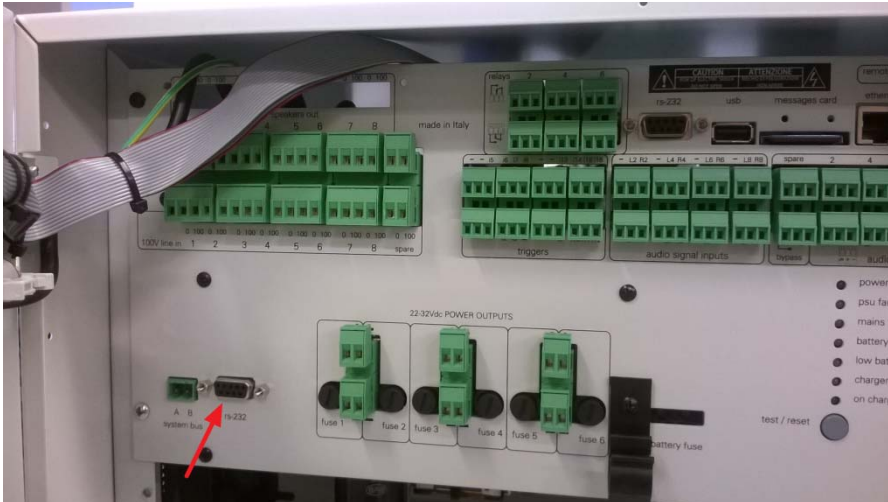
Steps:

- connect the serial port

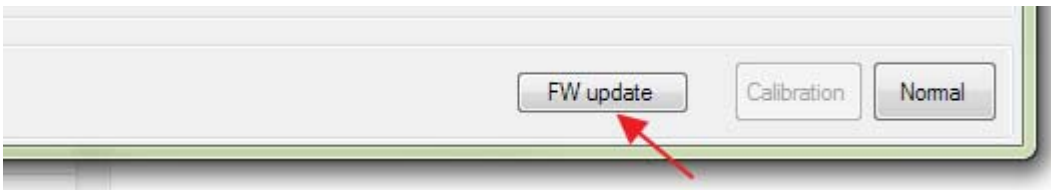
MET6CB:



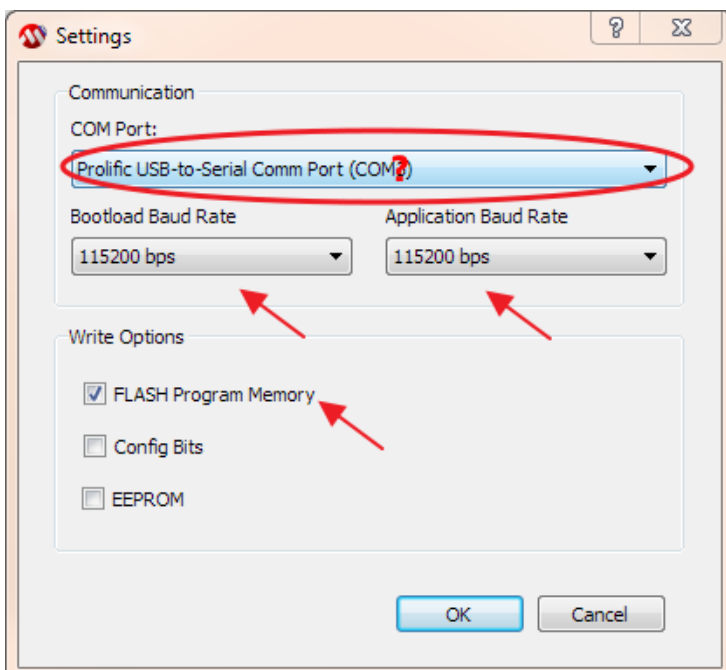
METCUBE:



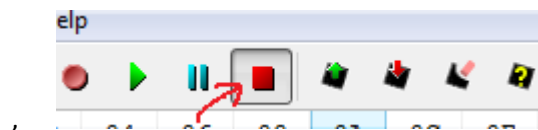
- launch monitoring tool
- ensure that connection is OK (green on “connection state”), if not please change serial port and press “disconnect” and then “connect”
- press the button “FW update”



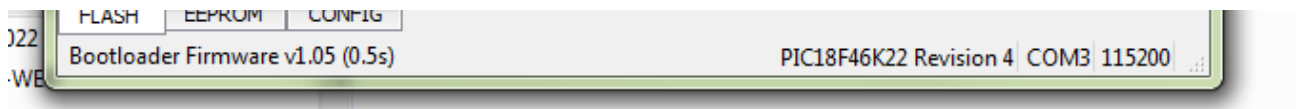
- unit will automatically switch off
- close the program and launch “microchip serial bootloader AN1310”
- verify that serial port and parameters are ok: from menu “program -> settings”:



- press STOP



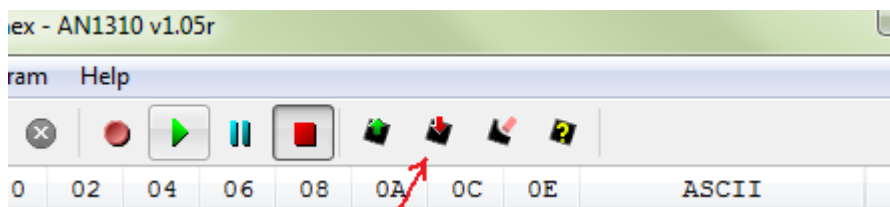
- Status bar should show that the tool is connected with bootloader:



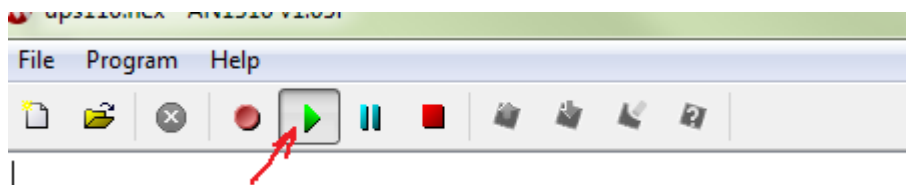
- If not, repeat pressing of STOP until message shows

- open new firmware: "file -> open -> UPSxxx.hex" then select "Write Device"

- select "Write Device"



- wait until success on status bar then press PLAY button:



Close the program, the device is upgraded