

9EEBM480 WIRING CONNECTION

Warning: The UPS user manual should be read first before install and operate the EBM.

It is possible to connect more than one EBM in order to achieve any level of autonomy without mains power. Connect any Battery Boxes in a cascade as shown in the figure below:

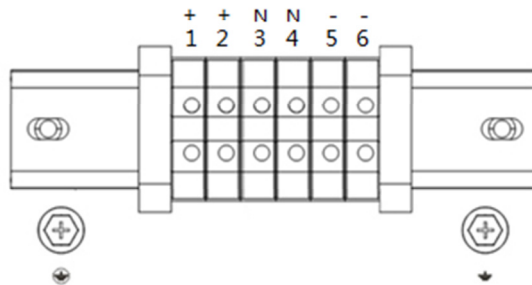
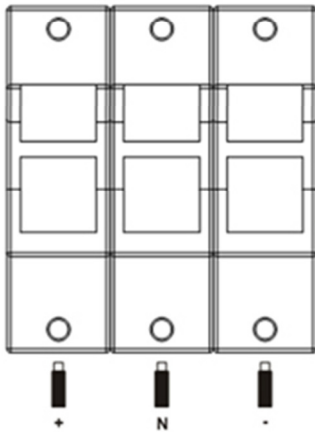
1. **CONNECTION:** Use 4 cables with 10 mm² section (Earth, +, N and -)
2. Connect the wires to the relative terminals, following exactly the instructions given below:

For 9E15Ki, 9E20Ki, 9E20KiXL

- a - Make sure that the fuse holder of the external battery box is open.
- b - Connect the earth (PE) wire to 480V EBM's earth (PE) screw
- c - Connect the positive (+) branch wire to 480V EBM's positive (+) terminal.
- d - Connect the neutral (N) branch wire to 480V EBM's neutral (N) terminal.
- e - Connect the negative (-) branch wire to 480V EBM's negative (-) terminal.

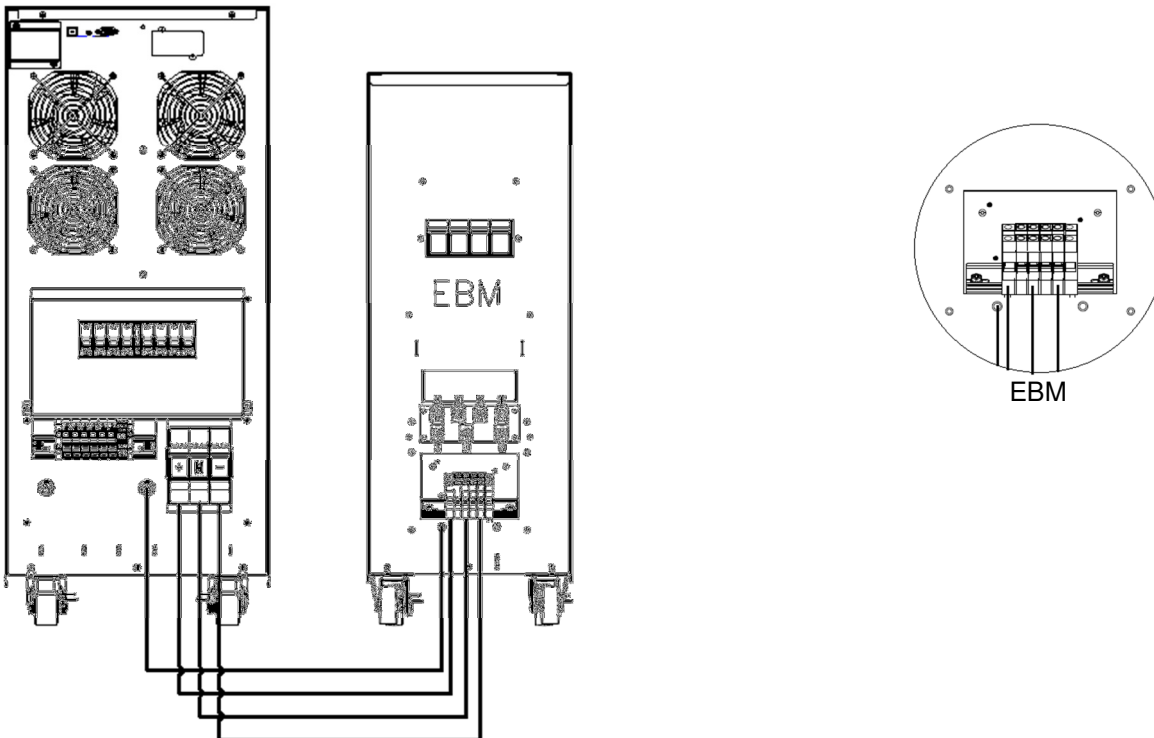
The suggested tighten force is 1.6Nm.

BATTERY EXTENSION

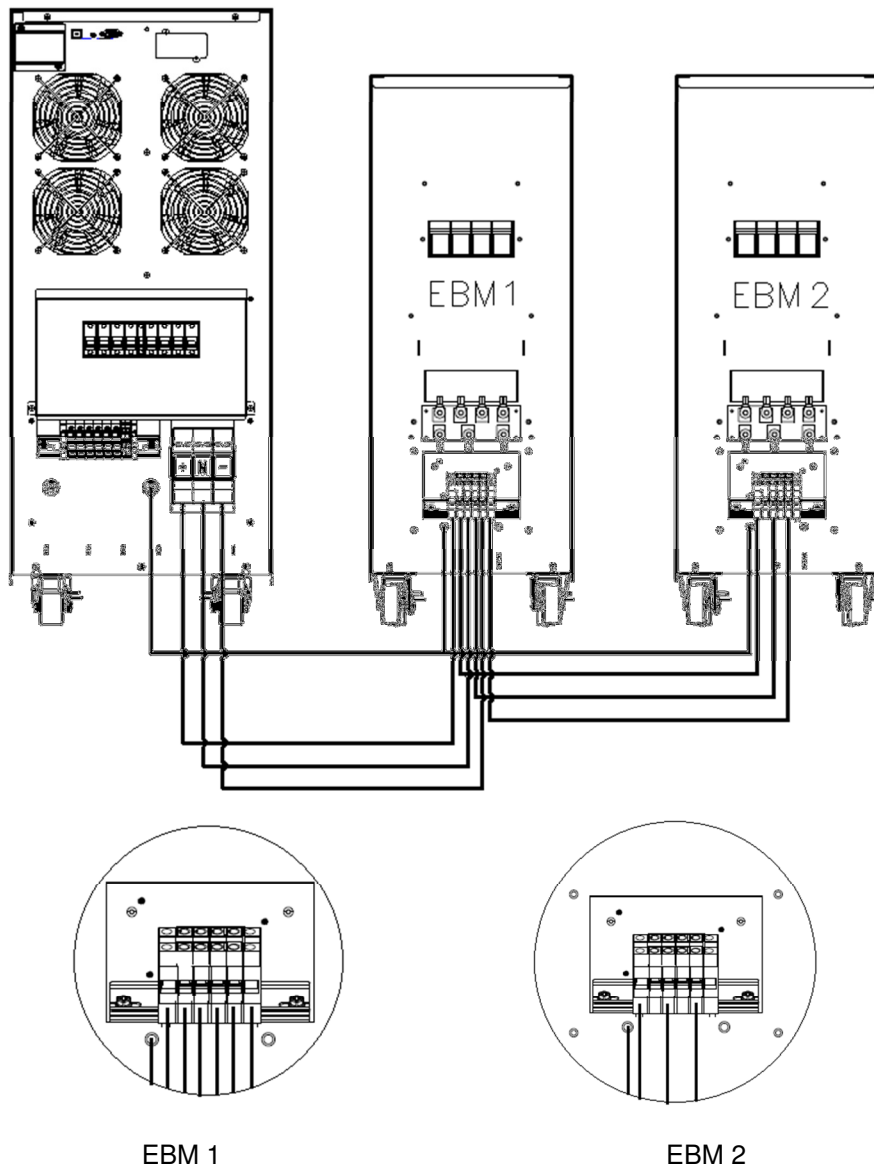


EBM terminal view

Versions 9E15Ki, 9E20Ki, 9E20KiXL



EBM terminal connection for 9E15Ki, 9E20Ki, 9E20KiXL with one EBM group.



EBM terminal connection for 9E15Ki, 9E20Ki, 9E20KiXL with more than one EBM groups