



How to bypass the slow trickle-charge feature of Tafonius

If the batteries have drained to a level where they are unable to support normal function, the machine will often start up but fail to proceed past the voltage checks because one of the battery voltages is too low to support normal, safe function.

In this instance, proceed as follows

Leave the machine connected to the mains power for an hour and then try to start the machine. During this hour the batteries will be trickle-charged and put some power back into them.

Once an hour has passed, try to start the machine again. If the battery voltage(s) is too low then the fast-charge circuit can be kicked into action using the following method:

- 1) Turn off the mains supply
- 2) Take the cover off the battery box and unplug the batteries by separating the connector.
- 3) Turn the mains on (but do not start the machine) and look at the LED's on the main Power Board on the inside of the back door.
The 12v OK and 24v OK should be green. If they are not, turn the mains off, wait and put the mains back on again.

When the mains is ON and the two LEDs are showing correctly:

- 4) Connect the batteries by re-connecting the battery connector in the battery box.
- 5) Start the machine. The battery voltages may still be a little low (e.g. 11v or so) but the machine should start and the batteries will now be on fast charge.

In this fast-charge state, do not use the machine if either one of the batteries is in a Critically Low state. Wait until the "Battery Critical" error goes away, which usually only takes 20 minutes or so.

If the batteries do not respond as expected or as described above, there may be damage to one or either of the batteries. Call your supplier or distributor for further assistance.