

BATTERY CHARGING: this is to be adhered to after a full days use, and also if the amber LED is displayed on the joystick. Failing to do so may incur an unnecessary call out which shall be chargeable to the customer.

The battery charger is located under the checkerplate cover **A**.

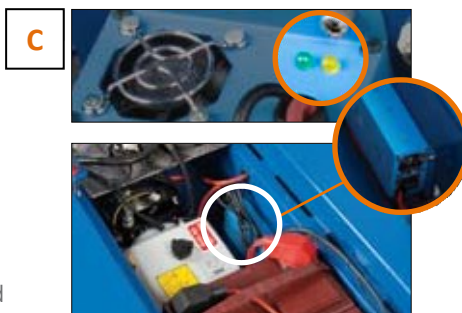


First switch off the Nano SP and isolate power by depressing the battery isolator switch at base of machine (red mushroom).

The charging lead (usually fitted with a yellow 110V plug) is on the exterior of the machine base (this lead can be fitted with 230V plug if required) **B**. The battery charger is fully voltage sensitive, so there is no voltage selection to do when connecting to different voltages.

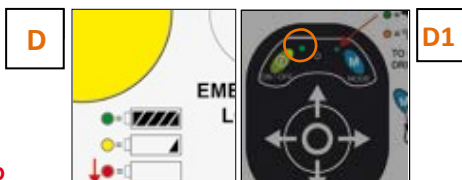


Plug into available power supply and ensure the green LED is illuminated **C**. The charger LED indicator lights can be viewed through a window in the chassis from the rear of the machine, to the left hand side of the base of the post. The Amber LED has three modes:



1. Blinking fast (bulk), maximum charging rate
2. Blinking slow (absorption), minimum charging rate
3. Continuous amber illumination indicates the charge is complete **D**.
4. Additionally the battery charge indicator is the left hand LED on basket joystick and should be green. **D1**.

Note: The power LED will remain on red if the ECU has previously detected a lower voltage than 16.5v and will need charging above 27.4 volts to reset. Failing to charge the Nano SP when an amber LED has been displayed may lead to unnecessary isolation of the Nano SP and may lead to a Service Engineer been called, in the event of this misuse the call out shall be chargeable to the customer.



The battery charger can be connected to the mains supply at any time or left for extended periods. The machine should not be operated when the charger is connected. All mains supply should be protected with a suitable RCD.

Note: The charger is fitted with a 10A automotive spade fuse (red). If the fuse has failed, the indicator lights will still operate. The fuse may have failed if the battery is heavily discharged and the motor is run when the charger is switched on. In such an event, the fuse is simple to replace.