

Power Supply Detection

SP-B40HL501 & 801 T/C6



Step 1

Using a multimeter, measure the voltage between Pin 2 and Pin 4. If a voltage output of 40V or 32V is detected, it indicates that the power supply is functioning correctly. If no voltage is measured, it is considered abnormal. Please proceed with the next steps.





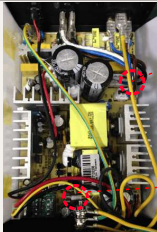
Step 2

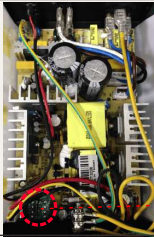
Turn on the power and begin the following inspection procedure. **Currently, the power cable is not connected to the power supply.**



Step 3 Detect Fuse

Please test whether these two fuses are functioning properly. If the circuit is not short-circuited, please replace the fuse with a new one.

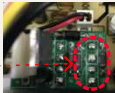




Step 4

Detect Power Board

Using a diode to measure the input and output PIN. If a short circuit is detected, it indicates that the power supply board is abnormal. It is recommended to replace the power board with a new one



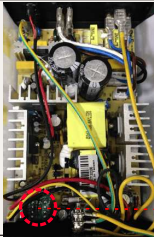
Pin 1&2 are Positive

Pin 3&4 are Negative

Step 5

Turn on the power to check whether the AC switch LED stays on steadily. If it does not light up, it indicates that the fuse on the input is abnormal. Please recheck the fuse.





Step 6

Detect Fuse and Power Board

After completing the above inspection procedure, connect the input port and measure the DC voltage (Enable board) at the output terminal. The voltage value will be displayed according to the output voltage specifications (Hi 40V/Low 32V) on the back panel. If the green LED on the output terminal is lit but no voltage is detected, it indicates that the second fuse output is abnormal. Please check the second fuse if the green LED is not lit. According to the inspection procedure, if there is no voltage output at the measurement terminal, it indicates an abnormality in the power supply board. Please replace it with a new power supply board.

DC 32V/40V



Thanks!

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