



Technical Bulletin TB110901 issue 2

M0910 power supply, internal component issue.
27/02/2012

Dear Valued Customer:

PRODUCT: SLE 4000/5000 410 PSU PROBLEM

SLE has identified a potential risk associated with the FP110 - 410 PSU (power supply unit). Our internal monitoring and investigations have identified a suspect batch of electrolytic capacitors.

PROBLEM AND AFFECTED DEVICES

The capacitors are located on the main PCB (printed circuit board) on the 410 power supply unit. The affected capacitors may exhibit a swelling that if not replaced may in time cause the ventilator to shut down during normal operation. Please note that should the ventilator shutdown a total power fail alarm will sound.

AFFECTED POWER SUPPLY UNITS

According to our records the suspect capacitors were installed in the below PSU serial number range. However, there maybe some PSU's outside of this range that may also have the affected capacitors fitted and will require inspection (see instructions below).

Power Supply Serial Number Range: 163746 to 167558.

Note: All SLE5000/4000 ventilators with serial numbers greater than 53164 and greater than 42040 are not affected.

ACTION TO BE TAKEN BY CUSTOMER

Customers should proactively inspect and replace any 410 PSU with affected components at the earliest convenience or at the next service interval. SLE is providing a supply of replacement PSU's for ventilators that had 410 PSU's installed at manufacture. Additional replacement PSU's required will be provided upon receipt of the affected PSU serial number, ventilator serial number and capacitor description. Please send requests to service@sle.co.uk. Upon receipt of this information SLE will provide a free of charge upgrade to the latest FP110-411 Stadium PSU.



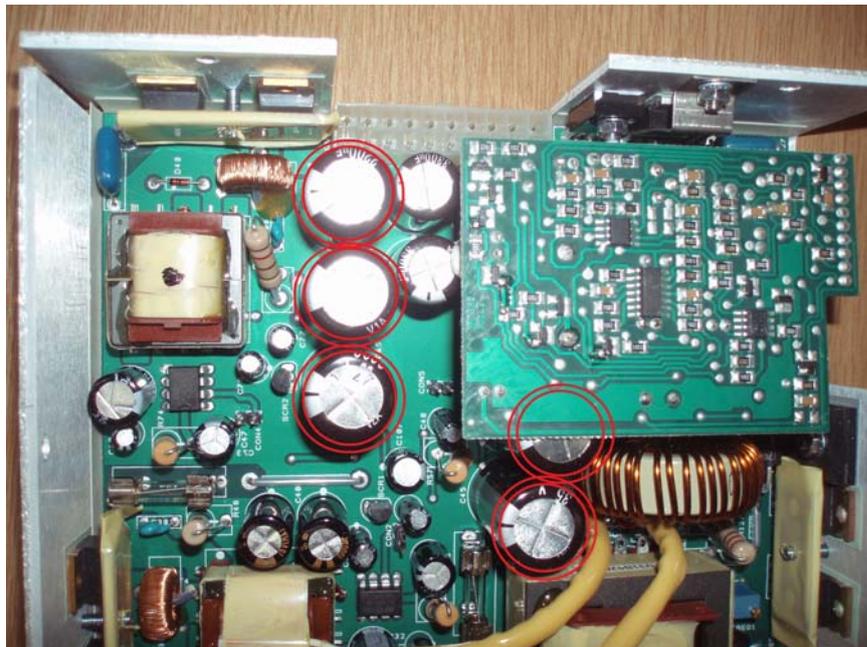
SLE Limited., Twin Bridges Business Park, 232 Selsdon Road, South Croydon Surrey CR2 6PL UK
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INSPECTION INSTRUCTIONS

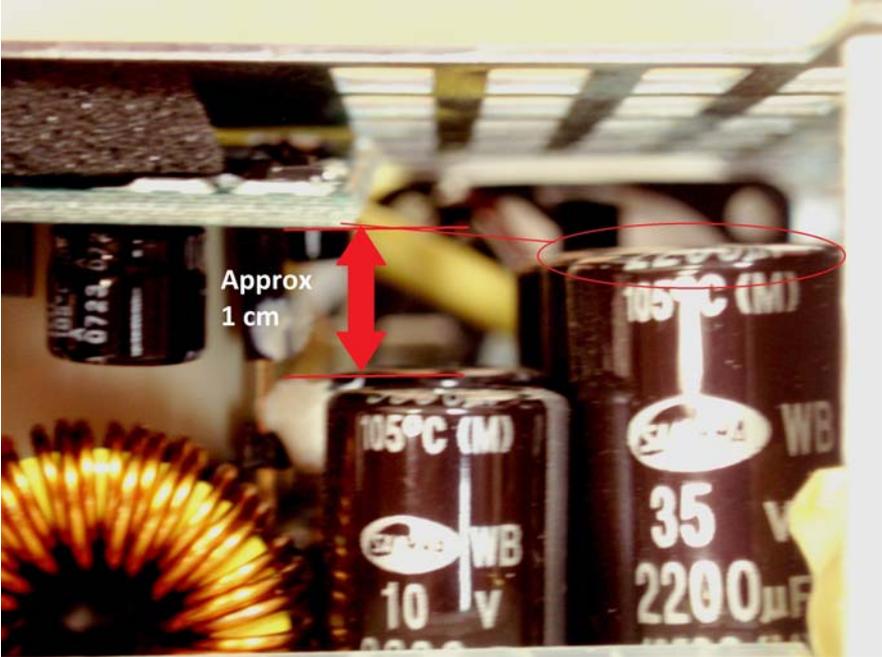
- Check ventilator serial number. If the serial number is **greater** than 53164(sle5000) or greater than 42040 (sle4000) no further actions required.
- If the serial number is **less** than 53164(sle5000) or 42040(sle4000) please continue to the next step.
- Remove both outer and inner top covers to reveal the PSU. (See service manual for removal instructions.)
- Check PSU model and Serial Number as shown in picture 6. If the model is FP110-410 and the serial number is within the specified range please replace the PSU.
- If the PSU model number is FP110-410 and the serial number is outside of the specified range please inspect capacitors (C45-C49-C65-C78-C88) as shown in the picture 3 below.
- If any of the capacitors are tall capacitors as shown in picture 4 please contact service@sle.co.uk to obtain a replacement unit.
- If the capacitors are not the same size as the PCB board as shown in picture 5 then the PSU does not contain any of the affected batch and the PSU can be reinstalled and returned to use.

Picture 3 shows the locations of the capacitors that require inspection. The suspect capacitors are circled red.

Picture 3



Picture 4



Picture 5



Picture 6 indicates the location of the PSU model and serial number.

Picture 6



Should you have any questions, please contact SLE's service department or your local SLE distributor.

We appreciate your cooperation and we recognize the inconvenience this may cause. Thank you for your support on this important matter.

Yours Sincerely

Phil O'Malley
Service Manager



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Service Department Contact Details:
Telephone: +44 (0)20 8681 1414
Email: service@sle.co.uk

Appendix 1

SLE 5000/4000 Ventilators Acknowledgement and Verification Form

Product Name: SLE 5000 & SLE 4000 ventilators

Name of Hospital / Distributor	
Hospital / Facility Address	
Name	
Telephone Number	
Email Address	
Signature	
Date	

- I confirm that our installed base of SLE ventilators has been checked and we do not have any equipment with the affected components.
- I confirm that our installed base of SLE ventilators has been checked and we have replaced the PSU serial numbers listed on the following page.
- I confirm that all replaced PSU's have been disposed in accordance with local electronic waste regulations.

Signed:

Date:



