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Date: 5.11.2015

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Abstract

By flashing intensively at maximum power with the D-Lite, the charging hardware can be overloaded. The doubler capacitors will overheat that will reduce their lifetime.

In those repetitive fast flashing sequences, the cooling control (increase of fan speed) reacts with a delay that leads to the temporary overheating of the charging doubler capacitors, reducing their lifetime.

To prevent that, the user should stop flashing during some minutes to allow the hot points in the unit to cool down.

Repairing a unit with overloaded doublers

During the warranty time we grant the replacement of one whole Power board EL No. 14463

You should recommend the user to maintain cooling periods when he uses his D-Lite for intensive flashing sequence at high power.

After the warranty time is elapsed, you can repair economically the Power board by replacing the 4 doubler capacitors C301, C302, C303, C304.

Please order 4 times the EL No. 14056 (180 μ F – 400V, 105°C, 25 x 30 mm)