

# UKCA Certificate of Constancy of Performance

This is to certify that:

Actulux A/S  
Håndværkervej 2  
Hadsund  
9560  
Denmark

Holds Certificate Number:

0086 CPR 760202

In respect of:

## **BS EN 12101-10:2005 Smoke and heat control systems – Power Supplies**

In compliance with the Regulation (UK) Statutory Instrument 2019 No 465 of the United Kingdom Parliament (Construction Products (Amendment etc.) (EU Exit) Regulations or CPR), this certificate applies to the above construction product. This certificate attests that all the provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the above standard(s) under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product. This certificate was first issued on the date below and will remain valid as long as neither the designated standard, the construction product, the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the approved product certification body.

For and on behalf of BSI, an Approved Body for the above Regulation (Approved Body Number 0086):

Frank Lee, Product Certification Technical and Compliance Director

First Issued: 2022-04-25

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No. 0086 CPR 760202

## Manufacturing Plant

Actulux A/S  
Håndværkervej 2  
Hadsund  
9560  
Denmark

## Product Information

BS EN 12101-10:2005 + AC:2007 Smoke and heat control systems – Power Supplies

Performance class A ; Environmental class 1

## Model Reference

DFM 24V-5A  
DFM 24V-8A  
SVM 24V-5A  
SVM 24V-8A  
SVM-EI 24V-5A  
SVM-EI 24V-8A  
SV 24V-8A  
SV 24V-24A  
SV 24V-30A  
SV 24V-32A  
SV 48V-8A  
SV 48V-24A  
SV 48V-30A  
SV 48V-32A  
SVL24-15A (2-6 motor groups)  
SVL24-20A (2-6 motor groups)  
SVL24-32A (2-6 motor groups)  
SVL24-40A (2-6 motor groups)  
SVL24-50A (2-6 motor groups)

## Type

24V 5A Output PSE with 2 x7 Ah batteries  
24V 8A Output PSE with 2 x7Ah batteries  
24V 5A Output PSE with 2x7Ah batteries  
24V 8A Output PSE with 2x7Ah batteries  
24V 5A Output PSE with 2x7Ah batteries  
24V 8A Output PSE with 2x7Ah batteries  
24V 8A Output PSE with 2x7.2Ah batteries  
24V 24A Output PSE with 2x7.2Ah batteries  
24V 30A Output PSE with 2x12Ah batteries  
24V 32A Output PSE with 2x12Ah batteries  
24V 8A Output PSE with 2x7.2Ah batteries  
24V 24A Output PSE with 4x7.2Ah batteries  
24V 30A Output PSE with 2x7.2Ah +2x12Ah batteries  
24V 32A Output PSE with 2x7.2Ah +2x12Ah batteries  
24V 15A Output PSE with 2 x12 Ah batteries  
24V 20A Output PSE with 2 x12 Ah batteries  
24V 32A Output PSE with 2 x18 Ah batteries  
24V 40A Output PSE with 2 x18 Ah batteries  
24V 50A Output PSE with 2 x18 Ah batteries

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<b>Model Reference</b>	<b>Type</b>
SVL48-10A (2-6 motor groups)	48V 10A Output PSE with 4 x12Ah batteries
SVL48-15A (2-6 motor groups)	48V 15A Output PSE with 4 x12Ah batteries
SVL48-20A (2-6 motor groups)	48V 20A Output PSE with 4 x12Ah batteries
SVL48-32A (2-6 motor groups)	48V 32A Output PSE with 4 x12Ah batteries
SVL48-50A (2-6 motor groups)	48V 50A Output PSE with 4 x18Ah batteries

**Note:**  
The functionality of the Smoke vent systems associated with the above PSEs is outside the scope of this standard and does not form part of the approval.



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## Appendix 1

Harmonised Technical Specification		BS EN 12101-10:2005
Essential Characteristics	Performance	Clause
<b>Performance of Power Supply</b>		
General requirements	Pass	4.1
General – Power Source	Pass	5.2.1
Power supply from the primary power source (electrical)	Pass	6.1
Power supply from the secondary power source (battery)	Pass	6.2
Power supply from the secondary power source (generators)	N/A	6.3
Recognition and indication of faults (electrical)	Pass	6.4
Power supply from compressed gases	N/A	6.5
Mechanical design	Pass	7.1
Electrical design	Pass	7.2

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