

# DEMKO CERTIFICATE

<b>Certificate No.</b>	D-05248-M1
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<b>Date of Issue</b>	2018-09-03
<b>Certificate Holder</b>	UNIPOWER L L C 3900 CORAL RIDGE DR CORAL SPRINGS, FL 33065-7613 US
<b>Manufacturer</b>	UNIPOWER L L C 3900 CORAL RIDGE DR CORAL SPRINGS, FL 33065-7613 US
<b>Production site</b>	ULTRAPOWERTECHNOLOGY INC 7TH FL 6 LANE 497 CHUNG CHENG RD HSIN TIEN DIST NEW TAIPEI, 231 Taiwan
<b>Certified Product Model</b>	Component - Switchmode Power Supply AL-070U-XY-Z, AL-085U-XY-Z See Page 2
<b>Trademark</b>	None
<b>Rated Voltage / Frequency</b>	See Page 2
<b>Rated Current / Power</b>	See Page 2
<b>Insulation Class</b>	Class I (earthed).
<b>Degree of protection (IP)</b>	IP X0
<b>Tested acc. to</b>	EN 60950-1:2006/A11:2009, EN 60950-1:2006/A12:2011, EN 60950-1:2006/A1:2010, EN 60950-1:2006/A2:2013, EN 60950-1:2006
<b>Test Report No.</b>	E147630-A7-CB-3 issued on 2018-08-29
<b>Additional</b>	See Page 2
<b>Expire date</b>	2020-12-20

**Certification Manager**  
Jan-Erik Storgaard

This is to certify that representative sample(s) of the Product described herein ("Certified Product") have been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the D Mark Requirements. The Designated Certificate holder is entitled to use the d or for cables <DEMKO> for the Certified Product manufactured at the production site(s) identified above, in accordance with the D Mark Service Agreement, including without limitation the D Mark Testing and Certification Services Service Terms. Only those Products bearing the D Mark should be considered as being covered by UL's D Mark Service. This Certificate shall remain valid through the expiration date, unless terminated earlier in accordance with the Service Agreement including without limitation if the Standard identified on this Certificate is amended or withdrawn prior to the expiration date.

**Certification Body**

UL International Demko A/S, Borupvang 5A, DK-2750  
Ballerup, Denmark, Tel. +45 44 85 65 65,  
info.dk@ul.com  
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# Appendix DEMKO CERTIFICATE

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## Model Details:

AL-070U-XY-Z where X = S, D or T (single, double or triple output)

where Y = up to 3 digit number with each digit represented by 0 through 9 delineating the output voltage(s).

where Z = configuration (up to 4 digit/alpha suffix).

AL-085U-XY-Z where X = S, D, T or Q (single, double, triple or quad output)

where Y = up to 4 digit number with each digit represented by 0 through 9 delineating the output voltage(s)

where Z = configuration (up to 4 digit/alpha suffix).

All models noted above may be followed by "(F)" which represents T1 is Class F Insulation System.

## Ratings:

AL-070U-XY-Z: Input: 100-240 Vac, 47-63 Hz, 2.0 A

Output: See Description below

where X = S, D or T (single, double or triple output)

where Y = up to 3 digit number with each digit represented by 0 through 9 delineating the output voltage(s) below:

0 = 1.5 to 4 Vdc, 1 = 4 to 5 Vdc, 2 = 10 to 13.8 Vdc

3 = 13.8 to 16.5 V dc, 4 = 21 to 26 Vdc, 5 = 32 to 48 Vdc

6 = 5.7 to 8 Vdc, 7 = 26 to 32 Vdc, 8 = 16.5 to 21 Vdc

9 = 8 to 10 Vdc

where Z = configuration (up to 4 digit/alpha suffix).

Total Output Power of each of the supplies is 70 Watts.

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AL-085U-XY-Z: Input: 100-240 Vac, 47-63 Hz, 3.15 A

Output: See Description below

where X = S, D, T or Q (single, double, triple or quad output)

where Y = up to 4 digit number with each digit represented by 0 through 9 delineating the output voltage(s) below:

0 = 1.5 to 4 Vdc, 1 = 4 to 5 Vdc, 2 = 10 to 13.8 Vdc

3 = 13.8 to 16.5 V dc, 4 = 21 to 26 Vdc, 5 = 32 to 48 Vdc

6 = 5.7 to 8 Vdc, 7 = 26 to 32 Vdc, 8 = 16.5 to 21 Vdc

9 = 8 to 10 Vdc

where Z = configuration (up to 4 digit/alpha suffix).

Total Output Power of each of the supplies is 85 Watts.

All models noted above may be followed by "(F)" which represents

T1 is Class F Insulation System.

## Additional Information:

This certificate replaces the certificate No. D-05248, issued on 2016-06-03 due to

- Removal of Model Number AL-065U-XY-Z;
- Clarification of the "Z" Suffix (under Ratings).

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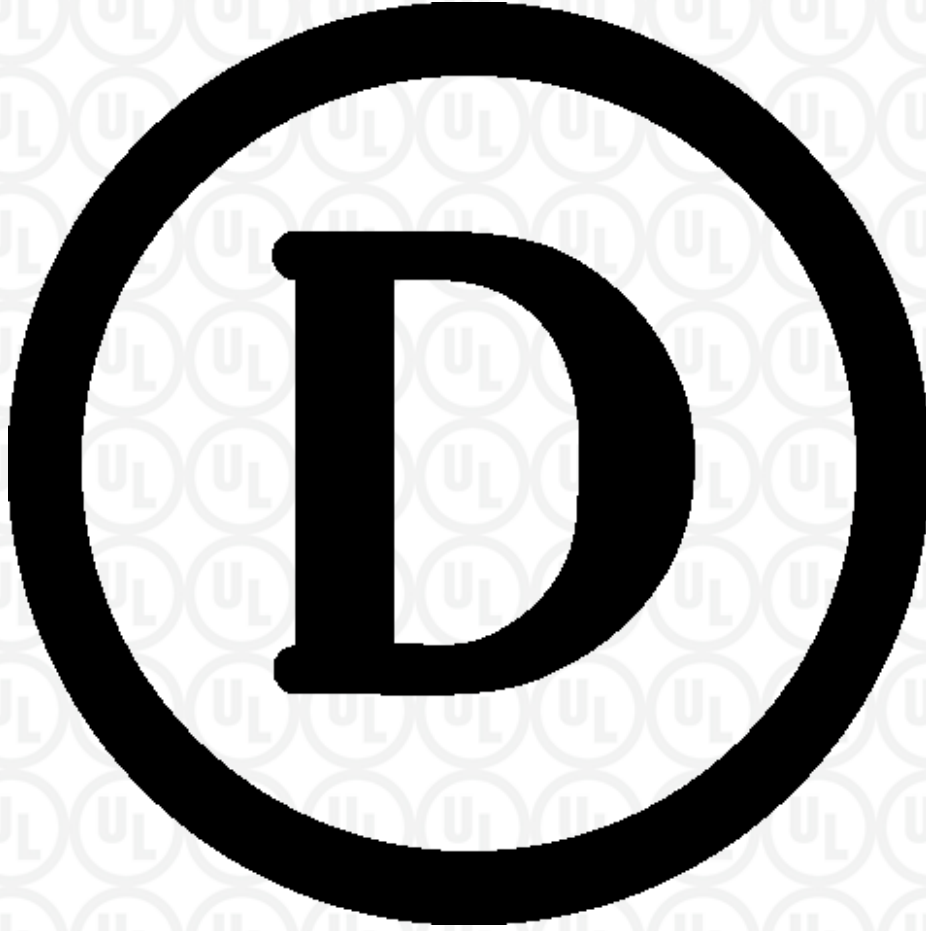
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