

# DEMKO CERTIFICATE

<b>Certificate No.</b>	D-05244-M1
<b>Page</b>	1/3
<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>	ULTRAPOWER TECHNOLOGY INC 7TH FL 6 LANE 497 CHUNG CHENG RD HSIN TIEN DIST NEW TAIPEI, 231 Taiwan
<b>Certified Product Model</b>	Component DC- DC Switch mode Power Supplies AL-070D-24XY-Z, AL-070D-48XY-Z, AL-070DW-48S2-601, AL-070DW-48XY-Z, AL-085D-24XY-Z, AL-085D-48XY-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 III (supplied by SELV) or Special Application - TNV-2
<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-A13-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

**Certification Body**

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with the Service Agreement including without limitation if the Standard identified on this Certificate is amended or withdrawn prior the expiration date.

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



# Appendix DEMKO CERTIFICATE

**Certificate No.** D-05244-M1  
**Page** 2/3  
**Date of Issue** 2018-09-03

## Model Details:

AL-070D-24XY-Z, AL-070D-48XY-Z, AL-070DW-48S2-601, AL-070DW-48XY-Z, AL-085D-24XY-Z, AL-085D-48XY-Z, AL-085DW-48XY-Z

X = S, or D, or T, or Q

Y = up to 4 digits 0 - 9

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

## Ratings:

AL-070D-24XY-Z: Input: 18-36 Vdc, 8 A

AL-070DW-48XY-Z: Input: 18-72 Vdc, 8 A

AL-070D-48XY-Z: Input: 36-72 Vdc, 4.0 A

AL-085D-24XY-Z: Input: 18-36 Vdc, 8.0 A

AL-085DW-48XY-Z: Input: 18-72 Vdc, 8.0 A

AL-085D-48XY-Z: Input: 36-72 Vdc, 5.0 A

AL-070DW-48S2-601: Input: 18-60 Vdc, 8A

## Additional Information:

This certificate replaces the certificate No.D-05244, issued on 2016-06-02 due to clarify the "Z" Suffix in the model number nomenclature (under "Models" and Model Differences).

---

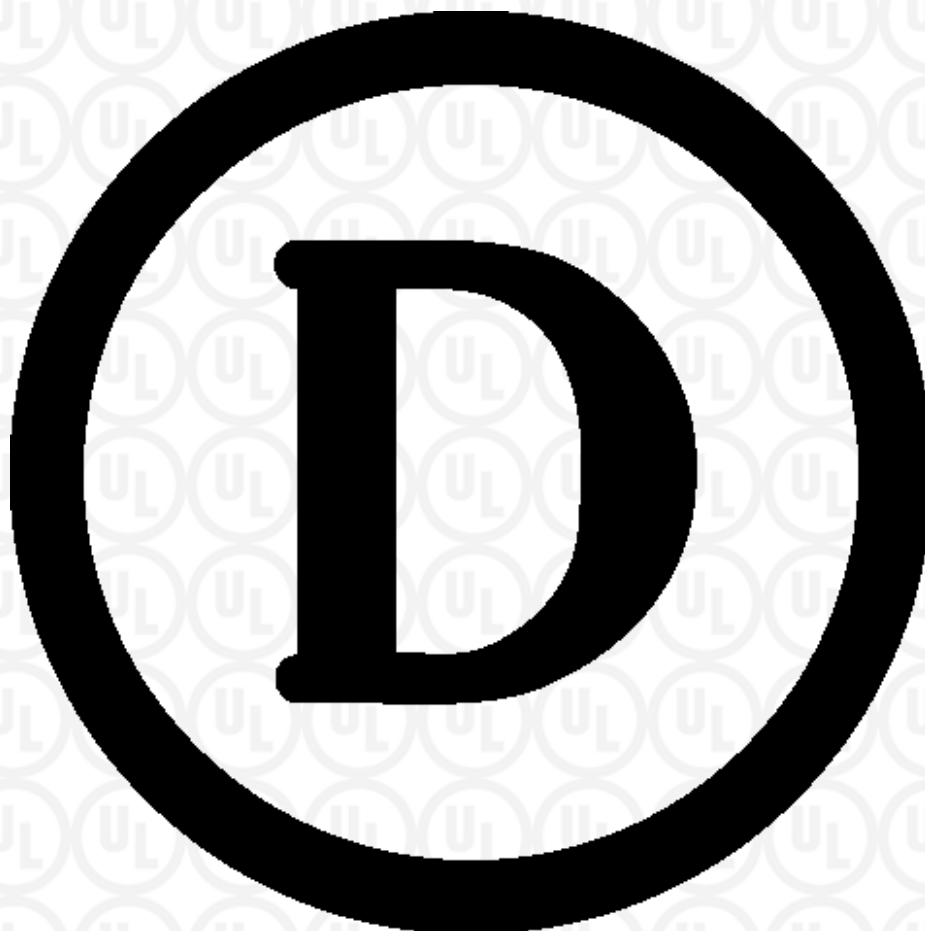
**Certification Body**

UL International Demko A/S, Borupvang 5A, DK-2750  
Ballerup, Denmark, Tel. +45 44 85 65 65, info.dk@ul.com  
[www.ul-europe.com](http://www.ul-europe.com)



# Appendix DEMKO CERTIFICATE

Certificate No. D-05244-M1  
Page 3/3  
Date of Issue 2018-09-03



---

**Certification Body**

UL International Demko A/S, Borupvang 5A, DK-2750  
Ballerup, Denmark, Tel. +45 44 85 65 65, [info.dk@ul.com](mailto:info.dk@ul.com)  
[www.ul-europe.com](http://www.ul-europe.com)

