

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE)  
CB SCHEME

## CB TEST CERTIFICATE

Product	Switching Power Supply
Name and address of the applicant	ASTEC INTERNATIONAL LTD 16TH FL LU PLAZA 2 WING YIP ST, KWUN TONG KOWLOON HONG KONG
Name and address of the manufacturer	ASTEC INTERNATIONAL LIMITED 16TH FLOOR, LU PLAZA 2 WING YIP STREET, KWUN TONG, KOWLOON, HONG KONG
Name and address of the factory	ASTEC POWER PHILIPPINES INC. MAIN AVENUE CORNER ROAD "J" CAVITE EXPORT PROCESSING ZONE, ROSARIO, CAVITE, 4106 PHILIPPINES
Note: When more than one factory, please report on page 2	<input checked="" type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	See Page 2-3  None
Trademark (if any)	
Type of Customer's Testing Facility (CTF) Stage used	CTF Stage 1
Model / Type Ref.	LCM3000X-T See Page 2
Additional information (if necessary may also be reported on page 2)	Technical modification <input checked="" type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 60950-1:2005/AMD1:2009, IEC 60950-1:2005/AMD2:2013, IEC 60950-1:2005
As shown in the Test Report Ref. No. which forms part of this Certificate	E186249-A330-CB-1 issued on 2018-09-17

This CB Test Certificate is issued by the National Certification Body



- UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA  
 UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK  
 UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN  
 UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see [www.ul.com/ncbnames](http://www.ul.com/ncbnames)

Date: 2018-09-18

Original Issue Date: 2018-08-09

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

**DK-75594-M1-UL**

**Model Details:**

LCM3000X-T (where X can be L, Q, W or U)

**Factories:**

ASTEC POWER PHILIPPINES INC.

104 LAGUNA BLVD., LAGUNA TECHNOPARK, STA. ROSA LAGUNA 4026 PHILIPPINES

SAGER ELECTRONICS INC.

SUITE 100, 1432 WAINWRIGHT WAY, CARROLLTON TX 75007, USA

ARROW ELECTRONICS INC.

1955 E. SKY HARBOR CIRCLE N., PHOENIX, AZ 85034, USA

ALVIC POWER SYSTEMS (S) PTE LTD.

629 ALJUNIED ROAD #04-08, CITITECH INDUSTRIAL BUILDING, SINGAPORE 389838, SINGAPORE

AUTRONIC STEUER UND REGELTECHNIK GMBH

SIEMENSSTRASSE 17, 74343 SACHSENHEIM, GERMANY

SHENZHEN SUPERPOWER TECHNOLOGY CO., LTD.

UNIT A-2, 4/F, 5 BUILDING, NANYOU TIANAN INDUSTRY VILLAGE, DENG LIANG RD, NANSHAN DISTRICT, 518054, SHENZHEN, PEOPLE'S REPUBLIC OF CHINA

NEW J.R. ELECTRONIC CO., LTD.

8F-1, NO. 489, TA YOU ROAD, 330 TAOYUAN CITY, TAIWAN

ARROW ELECTRONICS INC.

BOULEVARD LUIS DONALDO COLOSIO 179, 84048 NOGALES, SONORA, MEXICO

ARROW ELECTRONICS INC.

105 FARADAY PARK, FARADAY ROAD, DORCAN SWINDON WILTSHIRE, SN3 5JF, UNITED KINGDOM

**Ratings:**

For model LCM3000L-T

At Input

100-240Vac 20A MAX 50/60Hz

Output

+9V - +15Vdc 125A MAX (1500W MAX)

+5Vsb dc 2A MAX

At Input

200-240Vac 20A MAX 50/60Hz

Output

+9V - +15Vdc 250A MAX (3000W MAX)

+5Vsb dc 2A MAX

**Additional information (if necessary)**



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UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK

UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN

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**DK-75594-M1-UL**

For model LCM3000Q-T

At Input

100-240Vac 20A MAX 50/60Hz

Output

+18V - +30Vdc 62.5A MAX (1500W MAX)

+5Vsb dc 2A MAX

At Input

200-240Vac 20A MAX 50/60Hz

Output

+18V - +30Vdc 125A MAX (3000W MAX)

+5Vsb dc 2A MAX

For model LCM3000W-T

At Input

100-240Vac 20A MAX 50/60Hz

Output

+36V - +60Vdc 31.2A MAX (1500W MAX)

+5Vsb dc 2A MAX

At Input

200-240Vac 20A MAX 50/60Hz

Output

+36V - +60Vdc 62.5A MAX (3000W MAX)

+5Vsb dc 2A MAX

For model LCM3000U-T

At Input

100-240Vac 20A MAX 50/60Hz

Output

+27V - +45Vdc 41.7A MAX (1500W MAX)

+5Vsb dc 2A MAX

At Input

200-240Vac 20A MAX 50/60Hz

Output

+27V - +45Vdc 83.3A MAX (3000W MAX)

+5Vsb dc 2A MAX

Additional Information:

Additionally evaluated to EN 60950-1:2006 / A1:2010 / A11:2009/ A12:2011/ A2:2013

National Difference specified in the CB Test Report

The original report was modified to include the following changes/additions:

- 1) Added model LCM3000U-T
- 2) Revised rating label because of alternate model LCM3000U-T added
- 3) Revised heating test table 4.5 by adding back test result for models LCM3000Q-T and LCM3000W-T
- 4) Updated minimum external creepage from 7.7mm to 8.0mm for optocoupler (U104, U303, U306, U309)
- 5) Updated factory address as per client request,

**Additional information (if necessary)**



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