



Product Service

# CERTIFICATE

No. Z2 013890 3308 Rev. 00

**Holder of Certificate:** **Astec International Ltd.**  
16th Floor, Lu Plaza, 2 Wing Yip Street  
Kwun Tong  
Kowloon  
HONG KONG

**Certification Mark:**



**Product:** **Switching power supply unit  
(Switching Power Supply)**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 6821020008603

**Valid until:** 2026-01-14

**Date,** 2021-01-15

( Yager Bi )



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**Model(s):** LCM3000L-T, LCM3000Q-T, LCM3000W-T,  
LCM3000U-T, LCM30007-T, LCM30008-T

## Parameters:

Rated Input : 100-240VAC, 20A MAX, 50/60Hz

Rated Output :

For model LCM3000L-T:

For 100-240VAC input:

+9V - +15Vdc, 125A MAX (1500W MAX); +5Vsb dc, 2A MAX.

For 200-240VAC input:

+9V - +15Vdc, 250A MAX (3000W MAX); +5Vsb dc, 2A MAX.

For model LCM3000Q-T:

For 100-240VAC input:

+18V - +30Vdc, 62.5A MAX (1500W MAX); +5Vsb dc, 2A MAX.

For 200-240VAC input:

+18V - +30Vdc, 125A MAX (3000W MAX); +5Vsb dc, 2A MAX.

For model LCM3000W-T:

For 100-240VAC input:

+36V - +60Vdc, 31.2A MAX (1500W MAX); +5Vsb dc, 2A MAX.

For 200-240VAC input:

+36V - +60Vdc, 62.5A MAX (3000W MAX); +5Vsb dc, 2A MAX.

For model LCM3000U-T:

For 100-240VAC input:

+27V - +45Vdc, 41.7A MAX (1500W MAX); +5Vsb dc, 2A MAX.

For 200-240VAC input:

+27V - +45Vdc, 83.3A MAX (3000W MAX); +5Vsb dc, 2A MAX.

For model LCM30007-T:

For 100-240VAC input:

+54V - +90Vdc, 20.8A MAX (1500W MAX); +5Vsb dc, 2A MAX.

For 200-240VAC input:

+54V - +90Vdc, 41.7A MAX (3000W MAX); +5Vsb dc, 2A MAX.

For model LCM30008-T:

For 100-240VAC input:

+13.5V - +22.5Vdc, 83.3A MAX (1500W MAX); +5Vsb dc, 2A MAX.

For 200-240VAC input:

+13.5V - +22.5Vdc, 166.7A MAX (3000W MAX); +5Vsb dc, 2A MAX.

Protection Class: I

Degree of Protection: IPX0



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## Remarks:

- When installing these equipment, all requirements of the mentioned standard must be fulfilled.
- The maximum operating temperature is 50°C (with output power decreases 2.5% per degree C from 50°C to 70°C).
- Clearance distance was evaluated for operating altitude up to 5000m above sea level.
- These power supply contain output with hazardous power source, when installing into end system, care must be taken that the output and associated wire(s) may not be touched.
- Built-in type equipment, suitable enclosure should be provided in end system.
- These power supply must be installed in accordance with the instruction manual.
- These power supplies have been evaluated according to EN 60601-1:2006/A1:2013 with the following conditions:
  - The output was not evaluated as patient connected circuits.
  - Compliance with the requirements for EMC shall be evaluated for the end use product
  - These products have been investigated only as a component part for use in equipment where the suitability of the combination is subject to end product investigation.
  - These power supplies are designed to be protectively earthed. Earthing connection and continuity test shall be checked in end product.
  - The leakage current test shall be checked in end product.
  - The risk management requirements of the standard were not addressed.
  - Clearance/creepage distance and dielectric strength were evaluated and fulfilled the requirements for MOPP.

**Tested  
according to:**

EN 62368-1:2014/A11:2017  
EN 60601-1:2006/A1:2013

**Production  
Facility(ies):**

028532, 049489, 062777, 064622, 072064, 080379, 080898,  
085205, 092570, 102651, 094674, 109634