



Product Service

# CERTIFICATE

No. Z2 013890 3409 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  
(Switch Mode Power Supply for Building-in)**

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.:** 6821019298002

**Valid until:** 2024-07-05

**Date,** 2023-02-13

( Yager Bi )



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**Model(s):** LCM1500Q-T, LCM1500W-T, LCM1500U-T,  
LCM1500L-T, LCM1500N-T, LCM1500R-T,  
LCM1000W-T, LCM1000L-T, LCM1000Q-T,  
LCM1000U-T, LCM1000N-T

## Parameters:

Rated Input: 100-240VAC, 50/60Hz, 19.0A MAX

Rated DC Output:

For model LCM1500Q-T:

+24V, 63.0A MAX, 1500W MAX (forward airflow);

+24V, 31.25A MAX, 750W MAX (reverse airflow);

+5Vsb, 2.0A MAX (optional)

For model LCM1500W-T:

+48V, 32.0A MAX, 1500W MAX (forward airflow);

+48V, 20.83A MAX, 1000W MAX (reverse airflow);

+5Vsb, 2.0A MAX (optional)

For model LCM1500U-T:

+36V, 42.0A MAX, 1500W MAX (forward airflow);

+5Vsb, 2.0A MAX (optional)

For model LCM1500L-T:

+12V, 125.0A MAX, 1500W MAX (forward airflow);

+12V, 108.34A MAX, 1300W MAX (reverse airflow);

+5Vsb, 2.0A MAX (optional)

For model LCM1000Q-T:

+24V, 42.0A MAX, 1000W MAX (forward airflow);

+24V, 31.25A MAX, 750W MAX (reverse airflow);

+5Vsb, 2.0A MAX (optional)

For model LCM1500N-T:

+15V, 100.0A MAX, 1500W MAX (forward airflow);

+5Vsb, 2.0A MAX (optional)

For model LCM1000W-T:

+48V, 21.0A MAX, 1000W MAX (forward airflow);

+48V, 20.83A MAX, 1000W MAX (reverse airflow);

+5Vsb, 2.0A MAX (optional)

For model LCM1000L-T:

+12V, 84.0A MAX, 1000W MAX (forward and reverse airflow);

+5Vsb, 2.0A MAX (optional)



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For model LCM1500R-T:  
+28V, 53.6A MAX, 1500W MAX (forward airflow);  
+5Vsb, 2.0A MAX (optional)

For model LCM1000N-T:  
+15V, 67.0A MAX, 1000W MAX (forward airflow);  
+5Vsb, 2.0A MAX (optional)

For model LCM1000U-T:  
+36V, 28.0A MAX, 1000W MAX (forward airflow);  
+5Vsb, 2.0A MAX (optional)  
Protection Class: I  
Degree of Protection: IPX0

## Remarks:

- When installing the equipment, all requirements of the mentioned standard must be fulfilled.
- Built-in type equipment, suitable enclosure should be provided in end product.
- Refer to the installation and operating instruction from manufacturer for the details of loading condition and operating temperature.
- Clearance was evaluated for operating altitude up to 3048m above sea level.
- This power supply contains output with hazardous power source, when installing into end product, care must be taken that the output and associated wire(s) may not be touched.
- 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.
  - The product has been investigated only as a component part for use in equipment where the suitability of the combination is subject to end product investigation.
  - This power supply is 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 between primary and secondary/PE fulfilled the requirements for MOPP.
  - This power supply must be installed in accordance with the instruction manual.

**Tested  
according to:**

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