



Product Service

CERTIFICATE

No. Z2 16 05 13890 02685

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. See also notes overleaf.

Test report no.: 682301215412

Valid until: 2021-05-23

Date, 2016-05-27

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 (Jimmy Huang)





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Model(s):

**LCM1500Q-T, LCM1500W-T, LCM1500U-T, LCM1500L-T,
LCM1500R-T, LCM1000Q-T, LCM1500N-T, LCM1000W-T,
LCM1000N-T, LCM1000L-T, LCM1000U-T**

Parameters:

Rated Input : 100-240VAC, 50/60Hz, 19.0A MAX
 Rated 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);
 +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 airflow);
 +5Vsb, 2.0A MAX (optional)
 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:
 - See page 3 for details

EN 60950-1:2006/A2:2013
 EN 60601-1:2006/A1:2013

**Tested
 according to:**

**Production
 Facility(ies):**

28532, 62777

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Remark:

When installing the equipment, all requirements of the mentioned standard must be fulfilled.

Clearance was evaluated for operating altitude up to 3048m above sea level.

Refer to the installation and operating instruction from manufacturer for the details of loading condition and operating temperature.

These power supplies contain output exceeding 240VA, 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 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 must be installed in accordance with the instruction manual.
- 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 between primary and secondary/PE fulfilled the requirements for MOPP.