

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

SYSTEME CEI D'ACCEPTATION MUTUELLE DE
CERTIFICATS D'ESSAIS DES EQUIPEMENTS
ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE

Product

Power Supply

Name and address of the applicant

MORNSUN GUANGZHOU SCIENCE & TECHNOLOGY LTD
5 KEHUI ST 1 KEHUI DEVELOPMENT CENTER, SCIENCE
AVE, GUANGZHOU SCIENCE CITY, LUOGANG DISTRICT,
GUANGZHOU GUANGDONG 510000 CHINA

Name and address of the manufacturer

MORNSUN GUANGZHOU SCIENCE & TECHNOLOGY LTD
5 KEHUI ST 1 KEHUI DEVELOPMENT CENTER, SCIENCE
AVE, GUANGZHOU SCIENCE CITY, LUOGANG DISTRICT,
GUANGZHOU GUANGDONG 510000 CHINA

Name and address of the factory

Mornsun Guangzhou Science & Technology Ltd.
NO.A, D2-2 block, Dongcheng of Yunpu industrial zone
(Canglian industry park), Huangpu district, Guangzhou, P.R.
China

Note: When more than one factory, please report on page 2

Ratings and principal characteristics

Additional Information on page 2

I/P: 100-240V~, 50-60Hz, 1.5A

O/P:

Output: 12Vdc, 10A for model LI120-10B12;

24Vdc, 5A Max for model LI120-10B24;

48Vdc, 2.5A for model LI120-10B48

Trademark (if any)



Type of Customer's Testing Facility (CTF) Stage used

CTF Stage 1

Model / Type Ref.

LI120-10B12, LI120-10B24, LI120-10B48

Additional information (if necessary may also be
reported on page 2)

Additional Information on page 2

A sample of the product was tested and found
to be in conformity with

IEC 60950-1(ed.2), IEC 60950-1(ed.2);am1, IEC 60950-
1(ed.2);am2

As shown in the Test Report Ref. No. which forms
part of this Certificate

14BAS03024 11 Amendment 1 issued on 2017-03-14

This CB Test Certificate is issued by the National Certification Body



UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA



UL (Denko), 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

Date: 2017-03-24

Signature:

Original Issue Date: 2014-05-08

Jan-Erik Storgaard

Additional Information:

Additionally evaluated to EN 60950-1:2006/ A11:2009/ A1:2010/ A12:2011/ A2:2013; National Differences specified in the CB Test Report.

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

-Change the maximum ambient temperature (T_{ma}) permitted by the manufacturer's specification from 55 degree C to 55 degree C for 100% load, 70 degree C for 62.5% load.

-Change the load condition to that: When input voltage is equal or more than 90 V and less than 100 V, output load shall be 86.7% Load. When input voltage is equal or more than 100 V and not more than 264 V, output load shall be 100%

- Add alternative circuit diagram with adding components C3, C37, C28, R94, R95, R96, R97, R98, R79, R80, C38 and D14 based on original circuit diagram. There are no these components C3, C37, C28, R79, R80, C38 and D14 for model LI120-10B24 and LI120-10B48

-Add model LI120-10B12 with new transformer 51500204 and add model LI120-10B48 with new transformer 51500190.

-Add alternate 1 PWB layout for model LI120-10B12.

-Add alternate 2 PWB layout for models LI120-10B24 and LI120-10B48.

-Add alternative fuse (COOPER BUSSMANN LLC/ SS-5/ T3.15A, 250V).

-Add alternative Transistor (Q1, Q2, Q3) (Minimum 9A, minimum 600V).

-Change the insulation tape of L4 and L6 to optional.

-Correction transformer type from T1 to 51500123.

-Add Mylar sheet for model LI120-10B12.

-Upgrade standards of US/CA National differences to UL 60950-1, 2nd Edition and CAN/CSA C22.2 No. 60950-1-07, 2nd Edition, 2014-10.

Additional information (if necessary)**Information complémentaire (si nécessaire)**

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