

COVER PAGE FOR TEST REPORT

Product Category: Power Supplies for Information Technology Equipment Including Electrical Business Equipment

Product Category CCN: QQQQ2, QQQQ8

Test Procedure: Component Recognition

Product: dc-dc converter

Model/Type Reference: PTH03000

PTH03010

PTV03010

PTH03020

PTV03020

PTH03030

PTH03050

PTH03060

PTH04040

PTH05000

PTH05010

PTV05010

PTH05020

PTV05020

PTH05030

PTH05050

PTH05060

PTH12000

PTH12010

PTV12010

PTH12020

PTV12020

PTH12030

PTH12040

PTH12050

PTH12060

Model number may be followed by one or more alpha-numeric characters indicating non safety-related model differences.

Rating(s): 2.95-3.65V Input, 2.5V max. Output at 6A
2.95-3.65V Input, 2.5V max. Output at 15A
2.95-3.65V Input, 2.5V max. Output at 8A
2.95-3.65V Input, 2.5V max. Output at 22A
2.95-3.65V Input, 2.5V max. Output at 18A
2.95-3.65V Input, 2.5V max. Output at 30A
2.95-3.65V Input, 2.5V max. Output at 6A
2.95-3.65V Input, 2.5V max. Output at 10A
2.95-5.5V Input, 5.5V max. Output at 60A
4.5-5.5V Input, 3.6V max. Output at 6A
4.5-5.5V Input, 3.6V max. Output at 15A
4.5-5.5V Input, 3.6V max. Output at 8A
4.5-5.5V Input, 3.6V max. Output at 22A
4.5-5.5V Input, 3.6V max. Output at 18A
4.5-5.5V Input, 3.6V max. Output at 30A

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | 4.5-5.5V Input, 3.6V max. Output at 6A 4.5-5.5V Input, 3.6V max. Output at 10A 10.8-13.2V Input, 5.5V max. Output at 6A 10.8-13.2V Input, 5.5V max. Output at 12A 10.8-13.2V Input, 5.5V max. Output at 8A 10.8-13.2V Input, 5.5V max. Output at 18A 10.8-13.2V Input, 5.5V max. Output at 16A 10.8-13.2V Input, 5.5V max. Output at 26A 8-14V Input, 5.5V max. Output at 50A 10.8-13.2V Input, 5.5V max. Output at 6A 10.8-13.2V Input, 5.5V max. Output at 10A |
| Standards: | UL 60950-1:2003, First Edition CSA C22.2 No. 60950-1-03 1st Ed. April 1, 2003 |
| Applicant Name and Address: | ASTEC INTERNATIONAL LTD PHILIPPINES BRANCH TECHNO PLAZA 1 BLDG, 3RD & 4TH FL 18 ORCHARD RD BAGUMBAYAN, EASTWOOD CITY CYBERPARK QUEZON CITY 1110 METRO MA PHILIPPINES |
| This Report includes the following parts, in addition to this cover page: <ol style="list-style-type: none">1. Specific Inspection Criteria2. Specific Technical Criteria3. Clause Verdicts4. Critical Components5. Test Results6. National Differences7. Enclosures | |

This is to certify that representative samples of the products covered by this Test Report have been investigated in accordance with the above referenced Standards. The products have been found to comply with the requirements covering the category and the products are judged to be eligible for Follow-Up Service under the indicated Test Procedure. The manufacturer is authorized to use the UL Mark on such products which comply with this Test Report and any other applicable requirements of Underwriters Laboratories Inc ('UL') in accordance with the Follow-Up Service Agreement. Only those products which properly bear the UL Mark are considered as being covered by UL's Follow-Up Service under the indicated Test Procedure

The applicant is authorized to reproduce the referenced Test Report provided it is reproduced in its entirety.

UL authorizes the applicant to reproduce the latest pages of the referenced Test Report consisting of the first page of the Specific Technical Criteria through to the end of the Conditions of Acceptability.

Any information and documentation provided to you involving UL Mark services are provided on behalf of Underwriters Laboratories Inc

Test Report By:



Brian Wong
Project Handler
UL International Limited

Reviewed By:



Raymond Leung
Project Engineer
UL International Limited