



Certificate of Constancy of Performance

This is to certify that:

Advanced Electronics Limited

Unit 34, Moorland Way Nelson Park Cramlington Northumberland

NE23 1WE United Kingdom

Holds Certificate No:

0086-CPR-536903

In respect of:

EN 54-4:1998 + A1 & A2

Power Supply Equipment

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the above construction product.

This certificate attests that all the provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the above standard under system 1+/1 are applied and that the products fulfil all the prescribed requirements set out above.

For and on behalf of BSI, a Notified Body for the above Regulation (Notified Body Number 0086):

Gary Fenton, Global Assurance Director

This certificate remains valid as long as the test methods and/or factory production control requirements included in the harmonised standard(s), used to assess the performance of the declared characteristics, do not change and the product(s), and the manufacturing conditions in the plant(s) are not modified significantly.

First Issued: 28 August 2008 Latest Issue: 07 May 2014

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Manufacturing Plant:

Advanced Electronics Limited

Unit 34, Moorland Way

Nelson Park
Cramlington
Northumberland
NE23 1WE
United Kingdom

Product Information

Model	Туре
MxP-049	1.5 Amp Switch Mode Power Supply Equipment (capable of charging 7Ahr Batteries)
MxP-050	3.0 Amp Switch Mode Power Supply Equipment (capable of charging 17Ahr Batteries)
MxP-051	5.0 Amp Switch Mode Power Supply Equipment (capable of charging 38Ahr Batteries)
MxP-549	1.5 Amp Switch Mode Power Supply Equipment (capable of charging 7Ahr Batteries)
MxP-550	3.0 Amp Switch Mode Power Supply Equipment (capable of charging 7Ahr - 18Ahr Batteries)
MxP-550D	3.0 Amp Switch Mode Power Supply Equipment (capable of charging 7Ahr - 25Ahr Batteries)
MxP-551	5.0 Amp Switch Mode Power Supply Equipment (capable of charging 7Ahr - 18Ahr Batteries)
MxP-551D	5.0 Amp Switch Mode Power Supply Equipment (capable of charging 7Ahr - 38Ahr Batteries)

Enclosure dimensions are as follows:

MxP-049	320 x 345 x 88 mm
MxP-050	425 x 406 x 125 mm
MxP-051	425 x 406 x 190 mm
MxP-549	246 x 263 x 80 mm
MxP-550	338 x 378 x 110 mm
MxP-550D	363 x 410 x 185 mm
MxP-551	338 x 378 x 110 mm
MxP-551D	363 x 410 x 185 mm

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Appendix 1

Harmonised Technical Specification	EN 54-4:1997 + A1 & A2	
Essential Characteristics	Performance	Clause
Performan	ice of Power Supply	
General requirements	Pass	4
Functions	Pass	5
Materials, design and manufacture	Pass	6
Operat	tional Reliability	
General requirements	Pass	4
Functions	Pass	5
Materials, design and manufacture	Pass	6
Documentation	Pass	7
Marking	Pass	8
Durability of	Operational Reliabilit	у
Cold (operational)	Pass	9.5
Damp heat, steady state (operational)	Pass	9.6
Impact (operational)	Pass	9.7
Vibration, sinusoidal (operational)	Pass	9.8
Electromagnetic Compatibility (EMC),Immunity tests (operational)	Pass	9.9
Damp heat, steady state (endurance)	Pass	9.14
Vibration, sinusoidal (endurance)	Pass	9.15

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