



Product Service

# CERTIFICATE

No. Z2 12 02 51485 01051

**Holder of Certificate: Astec International Limited  
- Philippine Branch**

3rd & 4th Floor, Techno Plaza One Bldg  
#18 Orchard Road  
Eastwood City Cyberpark, Bagumbayan  
1110 Quezon City  
PHILIPPINES

**Certification Mark:**



**Product: Switch mode power supplies  
(AC/DC Switch Mode Power Supply)**

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.:** 682101010304

**Date,** 2012-02-24

Page 1 of 2

  
( Jimmy Huang )





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**Model(s):** DA18-150EU-M, DA18-150UK-M, DA18-150MP-M,  
DA18-120EU-M, DA18-120UK-M, DA18-120MP-M

**Brand Name:** EMERSON

**Parameters:** Rated Input : 100-240 VAC, 0.4A (max), 50/60Hz  
Rated Output : 15VDC, 1.2A (max.), 18W (max.)  
[for DA18-150EU-M, DA18-150UK-M,  
DA18-150MP-M];  
12VDC, 1.5A (max), 18W (max)  
[for DA18-120EU-M, DA18-120UK-M,  
DA18-120MP-M]

Construction : Portable

Protection Class : II

Degree of Protection : IPX0

Remarks :

1. When installing these equipments, all requirements of the mentioned standard must be fulfilled.
2. Clearance was evaluated for operating altitude up to 3000 meters above sea level.
3. The maximum operating temperature is 40°C
4. This power supply also evaluated according to EN 60601-1:2006 and IEC 60601-1:2005 with following condition:
  - The output was not evaluated as patient connected circuits.
  - Compliance with the requirements for EMC shall be evaluated for the end use product.
  - This 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 must be installed in accordance with the instruction manual.
  - Risk management has been considered for the relevant clause in this power supply. When using this power supply for a medical device, compliance with the relevant requirements of the risk management for the complete system has to be considered.
  - The leakage current test shall be checked in end product.
  - Clearance/creepage distance and dielectric strength were evaluated and fulfilled the requirements for MOPP.

**Tested according to:** EN 60950-1/A12:2011  
EN 60601-1:2006

**Production Facility(ies):** 41329, 28532

Page 2 of 2