



Product Service

# CERTIFICATE

No. B 16 05 13890 02676

**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  
 (Switching 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.:** 682701503703

**Valid until:** 2021-05-04



**Date,** 2016-05-11  
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*(Signature)*  
 ( Jimmy Huang )



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Model(s):

CNS653-MF-XXX, CNS653-MU-XXX,  
CNS653-ME-XXX, CNS655-MU-XXX,  
CNS658-MU-XXX  
(where XXX can be any alphanumeric character  
or blank which represents customer identity that  
do not affect safety)

Parameters:

Rated Input : 100-240VAC, 50/60Hz, 9.2A, or  
127Vmin-354VDCmax, 9.2A  
Rated DC Output : For Models CNS653-MU-XX,  
CNS653-MF-XXX, CNX653-ME-XXX:  
+12V, 54.2A MAX; +12V FAN,  
1A MAX; +5Vsb, 2A MAX;  
For Model CNS655-MU-XXX:  
+24V, 27.1A MAX; +12V FAN,  
1A MAX; +5Vsb, 2A MAX;  
For Model CNS658-MU-XXX:  
+48V, 13.55A MAX; +12V FAN,  
1A MAX; +5Vsb, 2A MAX;  
MAXIMUM OUTPUT POWER:  
410W CONVECTION COOLING  
(for CNS653-MU-XXX,  
CNS653-MF-XXX,  
CNS655-MU-XXX and  
CNS658-MU-XXX only)  
650W FORCED AIR COOLING

Construction : Built-in  
Protection Class : I  
Degree of Protection : IPX0

- Remarks:
- When installing these equipments, all requirements of the mentioned standard must be fulfilled.
  - Refer to the installation and operating instruction from manufacturer for the details of loading condition, cooling condition and operating temperature.
  - Clearance was evaluated for operating altitude up to 3000m above sea level.
  - 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.
  - 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 and fulfilled the requirements for MOPP.

Tested according to:

EN 60601-1:2006/A1:2013

Production Facility(ies):

28532, 62777

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