



Product Service

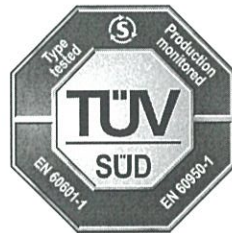
# CERTIFICATE

No. Z2 15 03 13890 02209

**Holder of Certificate:** **Astec International Ltd.**  
 16th Floor, Lu Plaza, 2 Wing Yip Street  
 Kwun Tong  
 Kowloon  
 HONG KONG



**Certification Mark:**



**Product:** **Power supplies  
 (Switching Mode Power Supply For  
 Building-in)**

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.:** 68230610707

**Valid until:** 2020-03-23

  
 ( Jimmy Huang )

**Date,** 2015-03-26

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## No. Z2 15 03 13890 02209

### Model(s):

iMP1-abbc-abbc-abbc-abbc-abbc-abbc-XX;  
73-690-0001i  
(See page 3 for details of the model description)

### Parameters:

Rated Input : 100-240/200-240VAC, 50/60/440Hz,  
20/12A or 120-300/254-300VDC, 20/12A  
(440Hz for ITE only)

Rated Output : For models iMP1 series:  
2-60VDC, 1500W max. (for 200-240VAC  
or 254-300VDC input) or 1200W max.  
(for 100-240VAC or 120-300VDC input)  
(See page 3 for details)  
For model 73-690-0001i:  
1) Primary DC output:  
+375-+395V, 1500W max. (for  
100-240VAC or 120-300VDC input) or  
1800W max. (for 200-240VAC or  
254-300VDC input)  
2) Secondary DC outputs:  
+5Vsb/1A; +18M1Vcc/0.1A;  
+18M2Vcc/0.1A; +18M3Vcc/0.1A;  
+18M4Vcc/0.1A; +18M5Vcc/0.1A;  
+18M6Vcc/0.1A; +18M7Vcc/0.1A

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

#### Remarks :

- When installing the power supply, all requirements of relevant standards must be fulfilled.
- Clearance was evaluated for operating altitude up to 3048m above sea level.
- Refer to the installation and operating instruction from manufacturer for the details of loading condition and operating temperature.
- Built-in type equipment, suitable enclosure should be provided in end system.
- These power supplies have been evaluated according to EN 60601-1:2006/A1:2013 with the following conditions:
  - 1.The output was not evaluated as patient connected circuits.
  - 2.Compliance with the requirements for EMC shall be evaluated for the end use product.
  - 3.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.
  - 4.These power supplies must be installed in accordance with the instruction manual.
  - 5.These power supplies are designed to be protectively earthed. Earthing connection and continuity test shall be checked in end product.
  - 6.The risk management requirements of the standard were not addressed.
  - 7.The leakage current test shall be checked in end product.
  - 8.Clearance/creepage distance and dielectric strength were evaluated and fulfilled the requirements for MOPP.

### Tested according to:

EN 60601-1:2006/A1:2013  
EN 60950-1:2006/A2:2013

### Production Facility(ies):

85205, 52066, 62777, 49489, 80898, 80379, 77349, 28532, 68625,  
64624, 64622

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For iMP1 series:

<b>i</b>	<b>M</b>	<b>P</b>	<b>1</b>	-	<b>a</b>	<b>b</b>	<b>b</b>	<b>c</b>	-	<b>a</b>	<b>b</b>	<b>b</b>	<b>c</b>	-	<b>a</b>	<b>b</b>	<b>b</b>	<b>c</b>	-	<b>a</b>	<b>b</b>	<b>b</b>	<b>c</b>	-	<b>a</b>	<b>b</b>	<b>b</b>	<b>c</b>	-	<b>X</b>	<b>X</b>
<i>Intelligent</i>	<i>Medium</i>	<i>Power</i>	<i>Case Power</i>		<i>O/P Module Code</i>	<i>O/P Voltage Code</i>	<i>O/P Voltage Code</i>	<i>i Module Option</i>		<i>O/P Module Code</i>	<i>O/P Voltage Code</i>	<i>O/P Voltage Code</i>	<i>i Module Option</i>		<i>O/P Module Code</i>	<i>O/P Voltage Code</i>	<i>O/P Voltage Code</i>	<i>i Module Option</i>		<i>O/P Module Code</i>	<i>O/P Voltage Code</i>	<i>O/P Voltage Code</i>	<i>i Module Option</i>		<i>O/P Module Code</i>	<i>O/P Voltage Code</i>	<i>O/P Voltage Code</i>	<i>i Module Option</i>	<i>Parallel Code</i>	<i>Option Code</i>	
				<b>O/P Module Code (a)</b> 1 = 210 W Single 1 Slot 2 = 360 W Single 2 Slot 3 = 600 W (ITE) Single 3 Slot = 750W (ITE & MEDICAL) Single 3 Slot 4 = 144 W Dual 1 Slot 5 = 1500W Single 4 Slot _ = 36 W Triple 1 Slot					<b>O/P Voltage Code (b)</b> A=2V    N=15V B=2.2V    O=18V C=3V    P=20V D=3.3V    Q=24V E=5V    R=28V F=5.2V    S=30V G=5.5V    T=33V H=6V    U=36V I=8V    V=42V J=10V    W=48V K=11V    X=54V L=12V    Y=60V M=14V    Z=Special					<b>Parallel and Option Codes (xx)</b> - Any alphanumeric character that does not affect safety.  <b>i Module Option (c)</b> (Blank) = for ITE (IEC60950-1) 0-9 = for ITE (IEC60950-1) and Medical (IEC60601-1) applications.																	
<b>Notes:</b> 1: For unused slot(s), corresponding Codes and Option shall be left blank 2: For ITE (IEC60950-1) applications ONLY, Module(s) / Slot(s) may contain "i Module Option" 3: For ITE (IEC60950-1) and MEDICAL (IEC60601-1) applications, all Modules / Slots MUST contain "i Module Option"																															