



Product Service

CERTIFICATE

No. Z2 013890 3342 Rev. 00

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 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. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 6821021013002

Valid until: 2026-06-24

Date, 2021-06-25

(Yager Bi)



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Model(s): **73-190-0001i,**
iVS3-abbc-abbc-abbc-abbc-abbc-abbc-abbc-
abbc-abbc-abbc-abbc-abbc-abbc-abbc-xx
(See below table for details)

Parameters:

For Model 73-190-0001i

Input rating:

AC input: 100-120V / 200-240V, 25/30A, 50/60Hz

DC input: 120Vmin- 170Vmax, 25A OR
254Vmin-300Vmax, 30A

Output rating: (See below table for details)

For Model iVS3-abbc-abbc-abbc-abbc-abbc-abbc-abbc-abbc-abbc-abbc-abbc-abbc-abbc-xx

Input rating:

AC input: 100-120V / 200-240V, 50/60Hz, 25/30A

DC input: 120V- 170V/ 254V-300V, 25/30A

Output rating: (See below table for details)

Protection Class: I

Construction: Built-in

Degree of Protection: IPX0

Remarks:

- When installing the equipment, all requirements of the mentioned standard must be fulfilled.
- Built-in type component, suitable enclosure should be provided in end system.
- Refer to the installation and operating instruction from manufacturer for the details of loading condition and operating temperature.
- Clearance distance was evaluated for operating altitude up to 3048m above sea level.
- These power supplies contain output with hazardous power source, when installing into end system, care must be taken that the output and associated wires may not be touched.
- These power supplies have been evaluated according to EN 60601-1:2006/A1: 2013 with the following conditions:
 - These power supplies are intended to be built into end use equipment.
 - The output was not evaluated as patient connected circuits.
 - Compliance with the requirements for EMC shall be evaluated for the end use product.
 - These power supplies 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 are designed to be protectively earthed. Earthing connection and continuity test shall be checked in end product.
 - These power supplies must be installed in accordance with the instruction manual.
 - 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 62368-1:2014/A11:2017

EN 60601-1:2006/A1:2013

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For 73-190-0001i:

DC outputs	Maximum output power or current	
	For 200-240VAC or 254Vmin-300Vmax DC input	For 100-120VAC or 120Vmin-170Vmax DC input
Primary DC output:		
+390V	5000W	2000W
Secondary DC output (V):		
+5Vsb	1.0A	1.0A
+17M1Vcc	0.1A	0.1A
+17M2Vcc	0.1A	0.1A
+17M3Vcc	0.1A	0.1A
+17M4Vcc	0.1A	0.1A
+17M5Vcc	0.1A	0.1A
+17M6Vcc	0.1A	0.1A
+17M7Vcc	0.1A	0.1A
+17M8Vcc	0.1A	0.1A
+17M9Vcc	0.1A	0.1A
+17M10Vcc	0.1A	0.1A
+17M11Vcc	0.1A	0.1A
+17M12Vcc	0.1A	0.1A
+17M13Vcc	0.1A	0.1A
+17M14Vcc	0.1A	0.1A

