



Product Service

CERTIFICATE

No. Z2 013890 3319 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.: 6821021015901

Valid until: 2026-03-04

Date, 2021-03-05

(Yager Bi)



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Model(s): **iVS6-ABBC-ABBC-ABBC-ABBC-ABBC-
ABBC-ABBC-ABBC-ABBC-XX, 73-650-0001I**
(See below table for details)

Parameters:

Rated Input: 200-240VAC, 3~, 50/60Hz, 12A, 3W+PE

Rated Output: See below table for details

Protection Class: I

Degree of Protection: IPX0

Construction: Built-in

Remarks:

- When installing the equipment, all requirements of the mentioned standard must be fulfilled.
- 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.
- 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:
 - 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.

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For iVS6 series:

iVS6-ABBC-ABBC-ABBC-ABBC-ABBC-ABBC-ABBC-ABBC-XX

A is module codes:
 (None) = 36 W triple O/P (1 slot)
 1 = 210 W single O/P (1 slot)
 2 = 360 W single O/P (2 slot)
 3 = 750 W single O/P (3 slot)
 5 = 1500 W single O/P (slot 4)
 4 = 144 W dual O/P (1 slot)
 HUP = Extra 30mS hold-up (1 slot)

B or BB is voltage code:
 B=A-Z
 Detail see Output Module Voltage/Current table below

C is option codes:
 0 =Standard
 1 = Module enable
 2 =Constant current
 3 = 1 & 2 combined
 4 = Set for use in standard
 (non-intelligent case)
 5 = Shutdown mode for 1500 W
 6 = 1 & 5 combined
 7-9 Future

XX is case option codes:
 First Digit
 0 - 9 = Parallel code
 (See parallel codes table below)
 Second Digit
 0 = No options
 1 = Reverse air
 2 = Not used
 3 = Global enable
 4 = Fan Off w/inhibit
 5 = Opt 1 + Opt 3
 6 = Opt 1 + Opt 4
 7 = Opt 3 + Opt 4
 8 = Opt 1 + 3 + 4
 9 = Future

The number of ABC or ABBC is 9 max.

iVS6



iVS6 = 5' x 5' x 11"
 (127 x 127 x 254)

9 available slots
 3-phase only

Output Module Voltage/Current*

Voltage	Voltage Code	Single Output Module Code				Dual Output**		IC Adjustment Ranges
		1	2	3	5	V1	V2	
2V	A	35A	60A	150A	—	10A	10A	1.8-2.2
2.2V	B	35A	60A	150A	—	10A	10A	2.0-2.4
3V	C	35A	60A	150A	—	10A	10A	2.7-3.3
3.3V	D	35A	60A	150A	—	10A	10A	3.0-3.6
5V	E	35A	60A	150A	—	10A	10A	4.5-5.5
5.2V	F	35A	60A	150A	—	10A	10A	4.7-5.7
5.5V	G	34A	58A	137A	—	10A	10A	5.0-6.1
6.0V	H	23A	42A	80A	140A	10A	10A	5.4-6.6
8.0V	I	20A	36A	80A	140A	10A	4A	7.2-8.8
10V	J	18A	32A	75A	140A	10A	4A	9.0-11.0
11V	K	17A	31A	68A	136A	10A	4A	9.9-12.1
12V	L	17A	30A	62.5A	125A	10A	4A	10.8-13.2
14V	M	14A	21A	53.5A	107A	9A	4A	12.6-15.4
15V	N	14A	20A	50A	100A	8A	4A	13.5-16.5
18V	O	11A	19A	41.6A	83.3A	—	—	16.2-19.8
20V	P	10.5A	18A	37.5A	75A	—	—	18.0-22.0
24V	Q	8.5A	15A	31.3A	62.5A	4A	2A	21.6-26.4
28V	R	6.7A	12.8A	26.8A	53.5A	3A	2A	25.2-30.8
30V	S	6.5A	12A	25A	50A	—	—	27.0-33.0
33V	T	6.2A	11A	22.7A	35.8	—	—	29.7-36.3
36V	U	5.8A	10A	20.8A	35.8	—	—	32.4-39.6
42V	V	4.2A	7.5A	17.9A	35.7	—	—	37.8-46.2
48V	W	4.0A	7.5A	15.6A	31.2	—	—	43.2-52.8
54V	X	3.7A	6.0A	13.9A	27.7	—	—	48.6-59.4
60V	Y	3.5A	6.0A	12.5A	25	—	—	54.0-66.0
Contact factory								
Special	Z	35A	60A	150A	—	—	10A	2.3-2.6
Special	Z	35A	60A	150A	—	—	10A	3.7-4.4
Special	Z	20A	36A	80A	140A	—	8A	6.7-7.1

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For model 73-650-00011:
Output rating table:

DC outputs	Maximum output power or current
Primary DC output:	
+380V	3500W
Secondary DC output:	
+5VSB	1.0A
+18M1Vcc	0.1A
+18M2Vcc	0.1A
+18M3Vcc	0.1A
+18M4Vcc	0.1A
+18M5Vcc	0.1A
+18M6Vcc	0.1A
+18M7Vcc	0.1A
+18M8Vcc	0.1A
+18M9Vcc	0.1A

**Tested
according to:**

EN 60601-1:2006/A1:2013
EN 62368-1:2014/A11:2017