



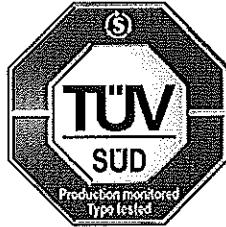
Product Service

CERTIFICATE

No. B 11 02 13890 996

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

Certification Mark:



Product: **Power supplies**
(Component Type 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.: 68230905902

Valid until: 2013-03-01



(Handwritten signature)
 (Jimmy Huang)

Date, 2011-03-22
 Page 1 of 3



Product Service

CERTIFICATE

No. B 11 02 13890 996

Model(s): iVS8-ABBC-ABBC-ABBC-ABBC-ABBC-ABBC-ABBC
-ABBC-ABBC-ABBC-ABBC-ABBC-ABBC-ABBC-XX
(See page 3 for details of the model description)

Brand Name: EMERSON Network Power

Parameters:

Rated AC Input :	200-240V, 50/60Hz, 16A, 3W+PE
Rated DC Output :	Maximum output power: 4920W See page 3 for details
Construction :	Built-in
Protection Class :	I
Degree of Protection :	IPX0

Remarks :

1. When installing the equipment, all requirements of the mentioned standard must be fulfilled.
2. This equipment is intended to operate at an altitude up to 10,000 feet (3048 meters) above sea level.
3. Refer to installation instructions for details of loading condition and operating ambient temperature.
4. The output contains energy hazard (>240VA), the accessibility of output shall be checked in the end system after installed.
5. This power supply has been tested according to EN 60950-1/A11:2009. In addition, it has been evaluated according to clauses 20, 42, 57.6, 57.9 & 57.10 of EN 60601-1/A2:1995 with the following conditions:
 - The power supply is intended to be built into an 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.
 - The 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.
 - The power supply is designed to be protectively earthed. Earthing connection and continuity test shall be checked in end product.
 - The power supply must be installed in accordance with the instruction manual.
 - The leakage current test shall be checked in end product.

Tested according to: EN 60950-1/A11:2009
EN 60601-1/A2:1995 (partially)

Production Facility(ies): 41329, 34209, 62777, 64622, 64624, 68625, 49489

Page 2 of 3

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Product Service

Model configuration

iVS8-ABBC-ABBC-ABBC-ABBC-ABBC-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 1600 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 14 max.

Output Module Voltage/Current**

0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9

Voltage	Voltage Code	Single Output Module Code				Dual Output**		PC Adjustment Ranges
		V	I	V	I	V	I	
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
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

iVS 8 = 5" x 8" x 11"
 (127 x 127 x 254, 14 available slots)

*Note: Increments of current not shown can be achieved by paralleling modules (add currents of each module selected)

**Total loading of outputs on dual module not to exceed 144 W.