

# UK-Declaration of Conformity

Manufacturer's Name and Address:

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Product: Switch Mode Power Supply  
(Component Type Switching Power Supply)

Type designation: iVS8-ABBC-ABBC-ABBC-ABBC-ABBC-ABBC-ABBC-ABBC-  
ABBC-ABBC-ABBC-ABBC-ABBC-XX  
(See General Product Information)

This declaration of conformity is issued under the sole responsibility of the manufacturer.  
The object of the declaration described above is in conformity with the relevant UK Statutory Instruments:

**A: The Electrical Equipment (Safety) Regulations 2016 (SI 2016 No. 1101)**  
as attested by conformity with the following harmonized standard(s):

BS EN 62368-1:2014+A11:2017 Safety of Information Technology Equipment.

**B: The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (SI 2012 No. 3032)**  
as attested by conformity with the following harmonized standard(s):

BS EN IEC 63000:2018 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.

For and on behalf of

ASTEC INTERNATIONAL LIMITED

Philippines

(Place)

Rev 00: 28 Apr 2021

(Revision Level / Issue Date)



Melson Torrijos

Manager  
Agency Compliance Engineering

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## General Product Information

**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)

**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

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

**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.

Ac  
Go

### Output Module Voltage/Current\*



Voltage	Voltage Code	Single Output Module Code				Dual Output**		PC Adjustment Ranges
		1	2	3	5	V1	V2	
2.2V	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
<b>Contact Factory</b>								
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.