Embedded Power for **Business-Critical Continuity**

AEE Series

15 Watts

of Outputs: Single, Dual

Total Power:15 WattsInput Voltage:12V, 24V or 48V

Special Features



Rev. 03.03.06 AEE 15W Series 1 of 2

Electrical Specifications

Input range 9	to 36 VDC; 18 to 75 VDC
Efficiency ² 8	34%@12Vo
Output	
Voltage tolerance ±	-2.0%
Line regulation ±	:0.5%
	Single output: ±1.0% Dual output: ±TBD%
5 1	3.3Vo: 100mV 5.0Vo: 100mV 12Vo: 120mV 15Vo: 120mV
Short circuit protection A	Auto-restart
Switching frequency	300KHz
Temperature coefficient ±	:0.02 /°C
Isolation	
I/O isolation 1	500 VDC min.
Insulation resistance 1	0Mohm
Insulation capacitance 1	000pF

Environmental Specifications Operating ambient temperature range -40°C to +71

Storage temperature Humidity MTBF **RoHS** Compliant

-40°C to +71°C (no derating) -55°C to +105°C 5% to 95% (non-condensing) >1 Million hours





Rev. 03.03.06

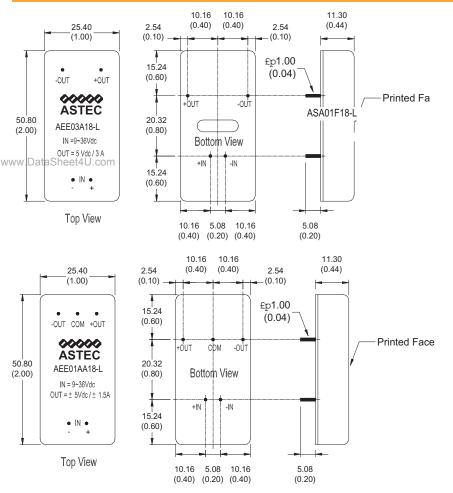
AEE 15W Series 2 of 2

Ordering Information

	Input Voltage	Output 1 Voltage	Output 2 Voltage	Maximum Power	Model Number
	9 -3 6V	3.3V @ 4A		13.2W	AEE04F18-L
	9 -3 6V	5V @ 3A		15W	AEE03A18-L
	9 -3 6V	12V @ 1.25A		15W	AEE01B18-L
	9 -3 6V	15V @ 1A		15W	AEE01C18-L
	9 -3 6V	5V @ 1.5A	-5V @ 1.5A	15W	AEE01AA18-L
	9 -3 6V	12V@ 0.625 A	-12V @ 0.625A	15W	AEE00BB18-L
	9 -3 6V	15V @ 0.5A	-15V @ 0.5A	15W	AEE00CC18-L
	18 - 75V	3.3V @ 4A		13.2W	AEE04F36-L
	18 - 75V	5V @ 3A		15W	AEE03A36-L
	18 - 75V	12V @ 1.25A		15W	AEE01B36-L
	18 - 75V	15V @ 1A		15W	AEE01C36-L
	18 - 75V	5V @ 1.5A	-5V @ 1.5A	15W	AEE01AA36-L
	18 - 75V	12V@ 0.625 A	-12V @ 0.625A	15W	AEE00BB36-L
	18 - 75V	15V @ 0.5A	-15V @ 0.5A	15W	AEE00CC36-L
		A . C . C .			

Please contact Astec for information on other output voltages, power ranges and configurations. Available in RoHS 6 version only.

Mechanical Drawing



Notes:

1. All specifications subject to change without notice. Mechanical drawings are for reference only.

2. Warranty: 1 yr

3. Label and logo appearance may vary from what is shown on mechanical drawings.

Astec Power

5810 Van Allen Way Carlsbad, CA 92008 USA Telephone: +1 760 930 4600 Facsimile: +1 760 930 0698 Technical Support: +1 888 41 ASTEC or +1 407 241 2752

Waterfront Business Park Merry Hill, Dudley West Midlands, DY5 1LX United Kingdom Telephone: +44 (0) 1384 842 211 Facsimile: +44 (0) 1384 843 355

Units 2111-2116, Level 21 Tower 1, Metroplaza 223, Hing Fong Road Kwai Fong, New Territories Hong Kong Telephone: +852 2437 9662 Facsimile: +852 2402 4426

For global contact, visit:

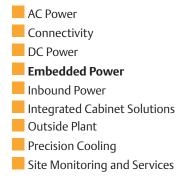
www.astecpower.com technicalsupport@astec.com

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