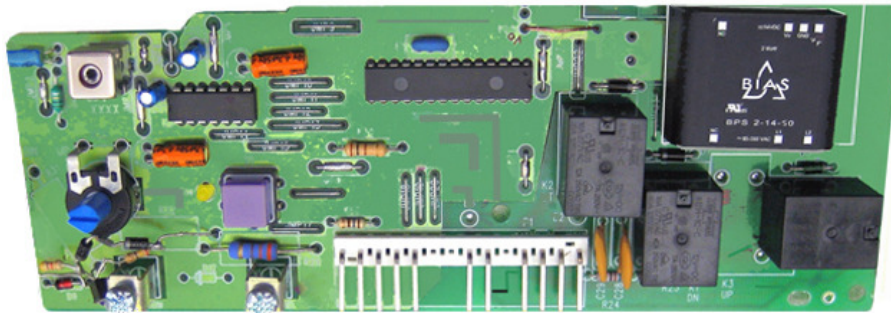




Low Power AC-DC Switching Power Supplies

For applications ranging from ½ to 4 watts of power, Bias Power AC to DC modules are a space- and time-saving, UL-Recognized solution.



Bias Power SPS application example, mounted on PC board

Among the comments most frequently heard is that by outsourcing power to Bias, their engineers can concentrate on what *they* do best, instead of power design. And by choosing Bias, they can often enhance their product in other ways:

Our customers frequently tell us reasons that they love Bias Power products.

- Universal power input often allows one SKU of their product for worldwide use, without jumpers or switches.
- Space efficient design allows a reduction in product size.
- Inventory requirements for assembly components are simplified.
- Product reliability is enhanced.
- Because design time is reduced, products can be brought to market faster.
- Unlike other switching power supplies, the Bias Power BPS and BPW Series do not require external EMI/RFI filtering.

Application for Bias Power AC to DC modules are as varied as today's electronic world. Wherever a reliable, low-power AC to DC source is needed, you should take a close look at Bias. Recent customer examples include: appliances, professional audio, LED lighting, lighting control circuitry, home automation, instrumentation, medical and scientific.



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BPS Series Low Power AC-DC Modules

85-265 VAC, 50/60 Hz (CLICK ON PART NUMBER TO VIEW DATA SHEET)

Part Number	Output Power Watts	Output Voltage V _o	Output Current I _o	Output Voltage V _r	Output Current I _r	Dimensions
BPS 0.5-08-00	0.5	8 VDC	0.062 A	-	-	A
BPS 0.5-14-00	0.5	14 VDC	0.035 A	-	-	A
BPS 0.5-08-50	0.5	8 VDC	0.062 A	5 VDC	0.062 A	A
BPS 1-08-00	1.0	8 VDC	0.125 A	-	-	A
BPS 1-14-00	1.0	14 VDC	0.071 A	-	-	A
BPS 1-08-50	1.0	8 VDC	0.125 A	5 VDC	0.100 A	A
BPS 2-08-00	2.0	8 VDC	0.250 A	-	-	B
BPS 2-14-00	2.0	14 VDC	0.167 A	-	-	B
BPS 2-08-50	2.0	8 VDC	0.250 A	5 VDC	0.100 A	B

BPW Series Low Power AC-DC Modules

90-308 VAC, 50/60 Hz (CLICK ON PART NUMBER TO VIEW DATA SHEET)

Part Number	Output Power Watts	Output Voltage V _o	Output Current I _o	Output Voltage V _r	Output Current I _r	Dimensions
BPW 1-14-00	1.0	14 V DC	0.068 A	-	-	A
BPW 2-14-00	2.0	14 V DC	0.167 A	-	-	B
BPW 1-08-00	Call*	8 VDC	0.122 A	-	-	A
BPW 1-08-50	Call*	8 VDC	0.122 A	5 VDC	0.100 A	A
BPW 2-08-00	Call*	8 VDC	0.250 A	-	-	B
BPW 2-08-50	Call*	8 VDC	0.250 A	5 VDC	0.100 A	B

Dimensions: L x W x H

A 1.03 x 0.89 x 0.53 in | 26.2 x 22.6 x 13.5 mm B 1.35 x 1.09 x 0.57 in | 34.29 x 27.79 x 14.61 mm

Operating Temp: 0 to 70° C. All ratings +/- 5%, 120 VAC, 25° C unless otherwise noted.



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BPI Series Low Power AC-DC Modules

85-308 VAC, 50/60 Hz 100-430 VDC (CLICK ON PART NUMBER TO VIEW DATA SHEET)

Part Number	Output Power Watts	Output Voltage V _o	Output Current I _o	Output Voltage V _r	Output Current I _r	Dimensions
BPI 200-05-00	2.0	5 V DC	0.400 A	-	-	C
BPI 200-05-33	2.0	5 V DC	0.400 A	3.3 VDC	0.100 A	C
BPI 200-12-00	2.0	12 VDC	0.167 A	-	-	C
BPI 200-12-50	2.0	12 VDC	0.167 A	5 VDC	0.036 A	C
BPI 400-05-00	4.0	5 VDC	0.800 A	-	-	D
BPI 400-05-33	4.0	5 VDC	0.800 A	3.3 VDC	0.100 A	D
BPI 400-12-00	4.0	12 VDC	0.333 A	-	-	D
BPI 400-12-50	4.0	12 VDC	0.333 A	5 VDC	0.036 A	D

Dimensions: L x W x H

C 1.4 x 1.0 x 1.04 in | 35.6 x 25.4 x 26.4 mm D 1.4 x 1.0 x 1.24 in | 35.6 x 25.4 x 31.5 mm

Operating Temp: -40 to 70° C. All ratings +/- 5%, 120 VAC, 25° C unless otherwise noted.



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