Bias Power BPW
Wide Input Range Line

90 to 308 VAC Modular Switching Power Supplies

-30° to 70°C Starting and Operating Temperature

Addressing the North American 277 VAC commercial lighting standard

2-watt, actual size

Typical Dimensions: L x W x H

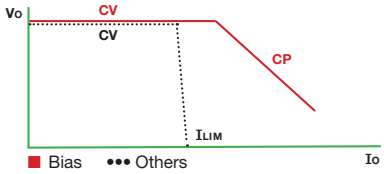
A 1.03 X 0.89 X 0.53 in / 26.2 X 22.6 X 13.5 mm

B 1.35 X 1.09 X 0.57 in / 34.29 X 27.79 X 14.61 mm

C 1.9 X 1.3 X 0.77 in / 48.26 X 33.27 X 19.72 mm

Ultra-Compact ½, 1, 2 and 4 Watt Models

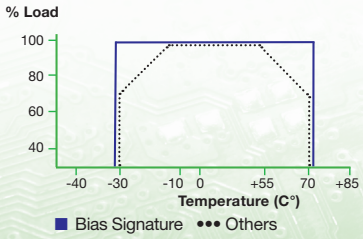
- Constant Voltage/Constant Power application flexibility



- UL CSA CE and RoHS
- CB Number US/11681A/UL
- EN 55022 (Radiated and Conducted Emissions)
- EN 55014 (Conducted Household Appliances)
- EN 60950-1
- FCC Part 15, Class B

Starting and Operating Temperature:

- Full power, no derating -30° to 70°C



- Isolation: 3,000 VAC
- Encapsulated drop-In solution

Input Voltage: 90-308 VAC Part Number	Output Power Watts	Output Voltage Vo	Output Current Io	Output Voltage Vr	Output Current Ir	Dimensions	Availability
BPW 0.5-05-00	0.5	5	0.093	-	-	A	*
BPW 0.5-05-33	0.5	5	0.093	3.3	0.093	A	*
BPW 0.5-08-00	0.5	8	0.058	-	-	A	
BPW 0.5-08-33	0.5	8	0.058	3.3	0.053	A	
BPW 0.5-08-50	0.5	8	0.058	5	0.058	A	
BPW 0.5-12-00	0.5	12	0.039	-	-	A	*
BPW 0.5-12-33	0.5	12	0.039	3.3	0.029	A	*
BPW 0.5-12-50	0.5	12	0.039	5	0.036	A	*
BPW 0.5-14-00	0.5	14	0.033	-	-	A	
BPW 0.5-14-33	0.5	14	0.033	3.3	0.023	A	
BPW 0.5-14-50	0.5	14	0.033	5	0.028	A	
BPW 0.5-24-00	0.5	24	**	-	**	A	*
BPW 0.5-24-33	0.5	24	**	3.3	**	A	*
BPW 0.5-24-50	0.5	24	**	5	**	A	*
BPW 1-05-00	1.0	5	0.185	-	-	A	*
BPW 1-05-33	1.0	5	0.185	3.3	0.147	A	*
BPW 1-08-00	1.0	8	0.116	-	-	A	
BPW 1-08-33	1.0	8	0.116	3.3	0.053	A	
BPW 1-08-50	1.0	8	0.116	5	0.083	A	
BPW 1-12-00	1.0	12	0.077	-	-	A	*
BPW 1-12-33	1.0	12	0.077	3.3	0.029	A	*
BPW 1-12-50	1.0	12	0.077	5	0.036	A	*
BPW 1-14-00	1.0	14	0.066	-	-	A	
BPW 1-14-33	1.0	14	0.066	3.3	0.023	A	
BPW 1-14-50	1.0	14	0.066	5	0.028	A	
BPW 1-24-00	1.0	24	**	-	**	A	*
BPW 1-24-33	1.0	24	**	3.3	**	B	*
BPW 1-24-50	1.0	24	**	5	**	B	*
BPW 2-05-00	2.0	5	0.370	-	-	B	*
BPW 2-05-33	2.0	5	0.370	3.3	0.37	B	*
BPW 2-08-00	2.0	8	0.231	-	-	B	
BPW 2-08-33	2.0	8	0.231	3.3	0.16	B	
BPW 2-08-50	2.0	8	0.231	5	0.231	B	
BPW 2-12-00	2.0	12	0.154	-	-	B	*
BPW 2-12-33	2.0	12	0.154	3.3	0.086	B	*
BPW 2-12-50	2.0	12	0.154	5	0.107	B	*
BPW 2-14-00	2.0	14	0.132	-	-	B	
BPW 2-14-33	2.0	14	0.132	3.3	0.07	B	
BPW 2-14-50	2.0	14	0.132	5	0.083	B	
BPW 2-24-00	2.0	24	0.077	-	-	B	*
BPW 2-24-33	2.0	24	**	3.3	**	B	*
BPW 2-24-50	2.0	24	**	5	**	B	*
BPW 4-05-00	4.0	5	0.741	-	-	C	*
BPW 4-05-33	4.0	5	0.741	3.3	0.441	C	*
BPW 4-08-00	4.0	8	0.463	-	-	C	*
BPW 4-08-33	4.0	8	0.463	3.3	0.160	C	*
BPW 4-08-50	4.0	8	0.463	5	0.250	C	*
BPW 4-12-00	4.0	12	0.309	-	-	C	*
BPW 4-12-33	4.0	12	0.309	3.3	0.083	C	*
BPW 4-12-50	4.0	12	0.309	5	0.107	C	*
BPW 4-14-00	4.0	14	0.265	-	-	C	*
BPW 4-14-33	4.0	14	0.265	3.3	0.070	C	*
BPW 4-14-50	4.0	14	0.265	5	0.083	C	*
BPW 4-24-00	4.0	24	**	-	**	C	*
BPW 4-24-33	4.0	24	**	3.3	**	C	*
BPW 4-24-50	4.0	24	**	5	**	C	*

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To learn more, contact us today.

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