

# Bias Power BPW Wide Input Range Line

**90 to 308 VAC** Modular Switching Power Supplies

**-30° to 70°C Starting and Operating Temperature**



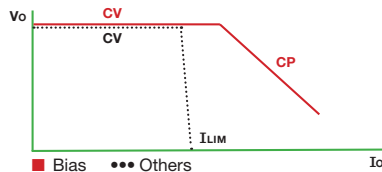
2-watt, actual size

## Typical Dimensions: LxWxH

- A** 27.5 x 22.6 x 13.5mm/  
1.08 x 0.90 x 0.55 in
- B** 34.3 x 27.7 x 14.7mm /  
1.35 x 1.09 x 0.58 in
- C** 48.3 x 33.3 x 19.8mm /  
1.90 x 1.31 x 0.78 in

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

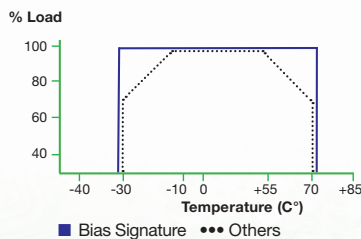
- Constant Voltage/Constant Power application flexibility



- EN 55022
- FCC Part 15, Class B
- and RoHS

## Starting and Operating Temperature:

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



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

Addressing the North American 277 VAC commercial lighting standard

Input Voltage: 90-308 VAC Part Number	Output Power Watts	Output Voltage Vo	Output Current Io	Output Voltage Vr	Output Current Ir	Dimensions
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	0.049	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	0.027	A
BPW 0.5-12-50	0.5	12	0.039	5	0.033	A
BPW 0.5-14-00	0.5	14	0.033	–		A
BPW 0.5-14-33	0.5	14	0.033	3.3	0.021	A
BPW 0.5-14-50	0.5	14	0.033	5	0.026	A
BPW 0.5-24-00	0.5	24	0.019	–		A
BPW 0.5-24-33	0.5	24	0.019	3.3	0.019	B
BPW 0.5-24-50	0.5	24	0.019	5	0.019	B
BPW 1-05-00	1	5	0.185	–		A
BPW 1-05-33	1	5	0.185	3.3	0.136	A
BPW 1-08-00	1	8	0.116	–		A
BPW 1-08-33	1	8	0.116	3.3	0.049	A
BPW 1-08-50	1	8	0.116	5	0.077	A
BPW 1-12-00	1	12	0.077	–		A
BPW 1-12-33	1	12	0.077	3.3	0.077	B
BPW 1-12-50	1	12	0.077	5	0.077	B
BPW 1-14-00	1	14	0.066	–		A
BPW 1-14-33	1	14	0.066	3.3	0.066	B
BPW 1-14-50	1	14	0.066	5	0.066	B
BPW 1-24-00	1	24	0.039	–		A
BPW 1-24-33	1	24	0.039	3.3	0.039	B
BPW 1-24-50	1	24	0.039	5	0.039	B
BPW 2-05-00	2	5	0.370	–		B
BPW 2-05-33	2	5	0.370	3.3	0.370	B
BPW 2-08-00	2	8	0.231	–		B
BPW 2-08-33	2	8	0.231	3.3	0.148	B
BPW 2-08-50	2	8	0.231	5	0.231	B
BPW 2-12-00	2	12	0.154	–		B
BPW 2-12-33	2	12	0.154	3.3	0.080	B
BPW 2-12-50	2	12	0.154	5	0.099	B
BPW 2-14-00	2	14	0.132	–		B
BPW 2-14-33	2	14	0.132	3.3	0.065	B
BPW 2-14-50	2	14	0.132	5	0.077	B
BPW 2-24-00	2	24	0.077	–		B
BPW 2-24-33	2	24	0.077	3.3	0.033	B
BPW 2-24-50	2	24	0.077	5	0.036	B
BPW 4-05-00	4	5	0.740	–		C
BPW 4-05-33	4	5	0.740	3.3	0.408	C
BPW 4-08-00	4	8	0.463	–		C
BPW 4-08-33	4	8	0.463	3.3	0.148	C
BPW 4-08-50	4	8	0.463	5	0.231	C
BPW 4-12-00	4	12	0.308	–		C
BPW 4-12-33	4	12	0.308	3.3	0.080	C
BPW 4-12-50	4	12	0.308	5	0.099	C
BPW 4-14-00	4	14	0.265	–		C
BPW 4-14-33	4	14	0.265	3.3	0.065	C
BPW 4-14-50	4	14	0.265	5	0.077	C
BPW 4-24-00	4	24	0.154	–		C
BPW 4-24-33	4	24	0.154	3.3	0.033	C
BPW 4-24-50	4	24	0.154	5	0.036	C

Data is for 50 Hz input.