

Bias Power BPWX Extended Temperature

90 to 308 VAC Modular Switching Power Supplies
-40° to 85°C Starting and Operating Temperature



2-watt, actual size

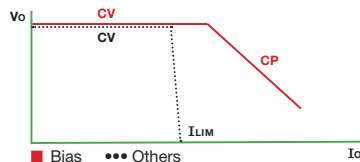
Typical Dimensions: L x W x H

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 1/2, 1, 2 and 4 Watt Models

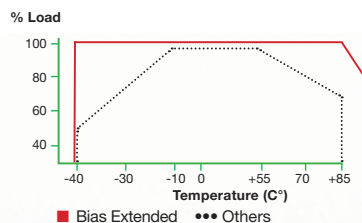
- Constant Voltage/Constant Power application flexibility



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

Starting and Operating Temperature:

- Full power, no derating -40° to 85°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
BPWX 0.5-05-00	0.5	5	0.093	—	—	A
BPWX 0.5-05-33	0.5	5	0.093	3.3	0.093	A
BPWX 0.5-08-00	0.5	8	0.058	—	—	A
BPWX 0.5-08-33	0.5	8	0.058	3.3	0.049	A
BPWX 0.5-08-50	0.5	8	0.058	5	0.058	A
BPWX 0.5-12-00	0.5	12	0.039	—	—	A
BPWX 0.5-12-33	0.5	12	0.039	3.3	0.027	A
BPWX 0.5-12-50	0.5	12	0.039	5	0.033	A
BPWX 0.5-14-00	0.5	14	0.033	—	—	A
BPWX 0.5-14-33	0.5	14	0.033	3.3	0.021	A
BPWX 0.5-14-50	0.5	14	0.033	5	0.026	A
BPWX 0.5-24-00	0.5	24	0.019	—	—	A
BPWX 0.5-24-33	0.5	24	0.019	3.3	0.019	B
BPWX 0.5-24-50	0.5	24	0.019	5	0.019	B
BPWX 1-05-00	1	5	0.185	—	—	A
BPWX 1-05-33	1	5	0.185	3.3	0.136	A
BPWX 1-08-00	1	8	0.116	—	—	A
BPWX 1-08-33	1	8	0.116	3.3	0.049	A
BPWX 1-08-50	1	8	0.116	5	0.077	A
BPWX 1-12-00	1	12	0.077	—	—	A
BPWX 1-12-33	1	12	0.077	3.3	0.077	B
BPWX 1-12-50	1	12	0.077	5	0.077	B
BPWX 1-14-00	1	14	0.066	—	—	A
BPWX 1-14-33	1	14	0.066	3.3	0.066	B
BPWX 1-14-50	1	14	0.066	5	0.066	B
BPWX 1-24-00	1	24	0.039	—	—	A
BPWX 1-24-33	1	24	0.039	3.3	0.039	B
BPWX 1-24-50	1	24	0.039	5	0.039	B
BPWX 2-05-00	2	5	0.370	—	—	B
BPWX 2-05-33	2	5	0.370	3.3	0.370	B
BPWX 2-08-00	2	8	0.231	—	—	B
BPWX 2-08-33	2	8	0.231	3.3	0.148	B
BPWX 2-08-50	2	8	0.231	5	0.231	B
BPWX 2-12-00	2	12	0.154	—	—	B
BPWX 2-12-33	2	12	0.154	3.3	0.080	B
BPWX 2-12-50	2	12	0.154	5	0.099	B
BPWX 2-14-00	2	14	0.132	—	—	B
BPWX 2-14-33	2	14	0.132	3.3	0.065	B
BPWX 2-14-50	2	14	0.132	5	0.077	B
BPWX 2-24-00	2	24	0.077	—	—	B
BPWX 2-24-33	2	24	0.077	3.3	0.033	B
BPWX 2-24-50	2	24	0.077	5	0.036	B
BPWX 4-05-00	4	5	0.740	—	—	C
BPWX 4-05-33	4	5	0.740	3.3	0.408	C
BPWX 4-08-00	4	8	0.463	—	—	C
BPWX 4-08-33	4	8	0.463	3.3	0.148	C
BPWX 4-08-50	4	8	0.463	5	0.231	C
BPWX 4-12-00	4	12	0.308	—	—	C
BPWX 4-12-33	4	12	0.308	3.3	0.080	C
BPWX 4-12-50	4	12	0.308	5	0.099	C
BPWX 4-14-00	4	14	0.265	—	—	C
BPWX 4-14-33	4	14	0.265	3.3	0.065	C
BPWX 4-14-50	4	14	0.265	5	0.077	C
BPWX 4-24-00	4	24	0.154	—	—	C
BPWX 4-24-33	4	24	0.154	3.3	0.033	C
BPWX 4-24-50	4	24	0.154	5	0.036	C

Data is for 50 Hz input.

To learn more, contact us today.

P +1 847.215.2427 F +1 847.215.2914

1330 Busch Parkway • Buffalo Grove, IL 60089 USA

sales@biaspower.com www.biaspower.com



BIAS POWER