

Bias Power BPSX Extended Temperature

85 to 265 VAC Modular Switching Power Supplies

-40° to 85°C Starting and Operating Temperature



2-watt, actual size

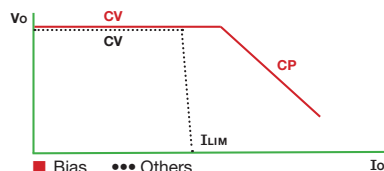
Typical Dimensions: L x W x H

B 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

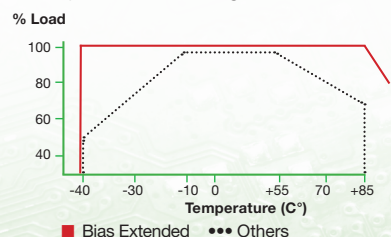
- Constant Voltage/Constant Power application flexibility



- UL, 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 -40° to 85°C



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

Input Voltage: 85-265 VAC Part Number	Output Power Watts	Output Voltage Vo	Output Current Io	Output Voltage Vr	Output Current Ir	Dimensions	Availability
BPSX 0.5-05-00	0.5	5	0.100	-	-	B	*
BPSX 0.5-05-33	0.5	5	0.100	3.3	0.147	B	*
BPSX 0.5-08-00	0.5	8	0.063	-	-	B	*
BPSX 0.5-08-33	0.5	8	0.063	3.3	0.053	B	*
BPSX 0.5-08-50	0.5	8	0.063	5	0.083	B	*
BPSX 0.5-12-00	0.5	12	0.042	-	-	B	*
BPSX 0.5-12-33	0.5	12	0.042	3.3	0.029	B	*
BPSX 0.5-12-50	0.5	12	0.042	5	0.036	B	*
BPSX 0.5-14-00	0.5	14	0.036	-	-	B	*
BPSX 0.5-14-33	0.5	14	0.036	3.3	0.023	B	*
BPSX 0.5-14-50	0.5	14	0.036	5	0.028	B	*
BPSX 0.5-24-00	0.5	24	**	-	**	B	*
BPSX 0.5-24-33	0.5	24	**	3.3	**	B	*
BPSX 0.5-24-50	0.5	24	**	5	**	B	*
BPSX 1-05-00	1.0	5	0.200	-	-	B	*
BPSX 1-05-33	1.0	5	0.200	3.3	0.147	B	*
BPSX 1-08-00	1.0	8	0.125	-	-	B	*
BPSX 1-08-33	1.0	8	0.125	3.3	0.053	B	*
BPSX 1-08-50	1.0	8	0.125	5	0.083	B	*
BPSX 1-12-00	1.0	12	0.083	-	-	B	*
BPSX 1-12-33	1.0	12	0.083	3.3	0.029	B	*
BPSX 1-12-50	1.0	12	0.083	5	0.036	B	*
BPSX 1-14-00	1.0	14	0.071	-	-	B	*
BPSX 1-14-33	1.0	14	0.071	3.3	0.023	B	*
BPSX 1-14-50	1.0	14	0.071	5	0.028	B	*
BPSX 1-24-00	1.0	24	**	-	**	B	*
BPSX 1-24-33	1.0	24	**	3.3	**	B	*
BPSX 1-24-50	1.0	24	**	5	**	B	*
BPSX 2-05-00	2.0	5	0.400	-	-	B	*
BPSX 2-05-33	2.0	5	0.400	3.3	0.147	B	*
BPSX 2-08-00	2.0	8	0.250	-	-	B	*
BPSX 2-08-33	2.0	8	0.250	3.3	0.053	B	*
BPSX 2-08-50	2.0	8	0.250	5	0.083	B	*
BPSX 2-12-00	2.0	12	0.167	-	-	B	*
BPSX 2-12-33	2.0	12	0.167	3.3	0.029	B	*
BPSX 2-12-50	2.0	12	0.167	5	0.036	B	*
BPSX 2-14-00	2.0	14	0.143	-	-	B	*
BPSX 2-14-33	2.0	14	0.143	3.3	0.023	B	*
BPSX 2-14-50	2.0	14	0.143	5	0.028	B	*
BPSX 2-24-00	2.0	24	0.083	-	-	B	*
BPSX 2-24-33	2.0	24	**	3.3	**	B	*
BPSX 2-24-50	2.0	24	**	5	**	B	*
BPSX 4-05-00	4.0	5	0.800	-	-	C	*
BPSX 4-05-33	4.0	5	0.800	3.3	0.441	C	*
BPSX 4-08-00	4.0	8	0.500	-	-	C	*
BPSX 4-08-33	4.0	8	0.500	3.3	0.160	C	*
BPSX 4-08-50	4.0	8	0.500	5	0.250	C	*
BPSX 4-12-00	4.0	12	0.333	-	-	C	*
BPSX 4-12-33	4.0	12	0.333	3.3	0.086	C	*
BPSX 4-12-50	4.0	12	0.333	5	0.107	C	*
BPSX 4-14-00	4.0	14	0.286	-	-	C	*
BPSX 4-14-33	4.0	14	0.286	3.3	0.070	C	*
BPSX 4-14-50	4.0	14	0.286	5	0.083	C	*
BPSX 4-24-00	4.0	24	0.167	-	-	C	*
BPSX 4-24-33	4.0	24	**	3.3	**	C	*
BPSX 4-24-50	4.0	24	**	5	**	C	*

* Available first quarter, 2010. ** Data not available at time of printing.

To learn more, contact us today.

P 847-215-BIAS (847-215-2427) F 847-215-2914

1330 Busch Parkway • Buffalo Grove, IL 60089 USA

sales@biaspower.com www.biaspower.com