

BW-6K SERIES 3-5W WIDE INPUT RANGE



FEATURES

- 3-5W DIL PACKAGE
- 4.5-9V,9-18V,18-36V,36-72V WIDE INPUT RANGE
- 100% BURN IN
- UL 94V-0 PACKAGE MATERIAL
- 6000VDC ISOLATION
- 3 YEARS WARRANTY



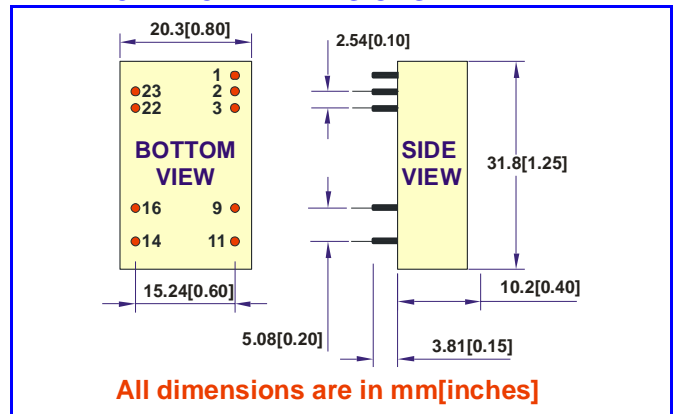
OUTPUT SPECIFICATIONS		INPUT SPECIFICATIONS		GENERAL SPECIFICATIONS	
Voltage Set-point Accuracy	+/-2% max	Input Voltage Range	2:1 Input Range	Efficiency	70% min
Temperature Coefficient	+/-0.05%/°C	Input Filter	Pi Network	Isolation Voltage	6000 VDC min
Ripple & Noise(20MHz BW)	100mVp-p max	Protection	Fuse Recommended	Isolation Resistance	10 ⁹ ohms min
Line Regulation	+/-0.5% max	ENVIRONMENTAL SPECIFICATIONS		Isolation Capacitance	1200pF max
Load Regulation	+/-0.5% max	Operating Temperature	-40°C to +85°C	Switching Frequency	50KHz typ.
Minimum Load	20% of Full Load	Storage Temperature	-55°C to +125°C	MTBF	>900,000 Hours
Short Circuit Protection	Continuous	Cooling	Free-Air Convection	Case Material	Non-Conductive Plastic
Short Circuit Restart	Automatic	Humidity	95% max	Weight	17.5g typ.

● 2:1 2W-3W OUTPUT

MODEL NUMBER	INPUT (VDC)	OUTPUT		EFF (%)	ISOLATION (VDC)
		VOLTAGE (VDC)	CURRENT (mA)		
BW025-05S05A-6K	4.5-9	5	500	75	6000
BW030-05S12A-6K	4.5-9	12	250	76	6000
BW030-05S15A-6K	4.5-9	15	200	76	6000
BW030-05D05A-6K	4.5-9	+/-5	+/-300	70	6000
BW030-05D12A-6K	4.5-9	+/-12	+/-125	74	6000
BW030-05D15A-6K	4.5-9	+/-15	+/-100	75	6000
BW030-12S05A-6K	9-18	5	600	74	6000
BW030-12S09A-6K	9-18	9	330	79	6000
BW030-12S12A-6K	9-18	12	250	80	6000
BW030-12S15A-6K	9-18	15	200	80	6000
BW030-12D05A-6K	9-18	+/-5	+/-300	74	6000
BW030-12D12A-6K	9-18	+/-12	+/-125	79	6000
BW030-12D15A-6K	9-18	+/-15	+/-100	79	6000
BW030-24S05A-6K	18-36	5	600	75	6000
BW030-24S09A-6K	18-36	9	330	79	6000
BW030-24S12A-6K	18-36	12	250	80	6000
BW030-24S15A-6K	18-36	15	200	80	6000
BW030-24D05A-6K	18-36	+/-5	+/-300	75	6000
BW030-24D12A-6K	18-36	+/-12	+/-125	80	6000
BW030-24D15A-6K	18-36	+/-15	+/-100	80	6000
BW030-48S05A-6K	36-72	5	600	76	6000
BW030-48S09A-6K	36-72	9	330	79	6000
BW030-48S12A-6K	36-72	12	250	78	6000
BW030-48S15A-6K	36-72	15	200	82	6000
BW030-48D05A-6K	36-72	+/-5	+/-300	76	6000
BW030-48D12A-6K	36-72	+/-12	+/-125	78	6000
BW030-48D15A-6K	36-72	+/-15	+/-15	79	6000

BW040-05S05A-6K	4.5-9	5	800	74	6000
BW040-05S12A-6K	4.5-9	12	333	75	6000
BW040-05S15A-6K	4.5-9	15	267	75	6000
BW050-12S05A-6K	9-18	5	1000	75	6000
BW050-12S09A-6K	9-18	9	556	80	6000
BW056-12S12A-6K	9-18	12	470	80	6000
BW060-12S15A-6K	9-18	15	400	81	6000
BW050-24S05A-6K	18-36	5	1000	77	6000
BW050-24S09A-6K	18-36	9	556	81	6000
BW056-24S12A-6K	18-36	12	470	80	6000
BW060-24S15A-6K	18-36	15	400	83	6000
BW050-48S05A-6K	36-72	5	1000	77	6000
BW050-48S09A-6K	36-72	9	556	80	6000
BW056-48S12A-6K	36-72	12	470	83	6000
BW060-48S15A-6K	36-72	15	400	81	6000

● MECHANICAL DIMENSIONS



PIN	1	2 & 3	9	11	14	16	22 & 23
SINGLE	Remote	-Vin	NC	NC	+Vout	-Vout	+Vin
DUAL	On/Off	-Vin	Com.	-Vout	+Vout	Com.	+Vin

● 2:1 4W-6W OUTPUT