

## DATA SHEET

### AC to DC Bench Top Adapter, Model no. SABT4

- High efficiency and high reliability
- Single/Multiple Output
- Optional Output connectors
- Optional Input plugs
- Output voltage between 3.3V to 48V
- Maximum Output power of 80W
- Universal Input 85V ~ 300VAC
- Compact and low profile design
- Short circuit protection



### SPECIFICATIONS

PARAMETER	TEST CONDITIONS	MINIMUM	TYPICAL	MAXIMUM	UNITS
<b>• INPUT CHARACTERISTICS</b>					
Input Voltage		85		300	VAC
Input Frequency		47		63	Hz
Input Current					A (rms)
Safety ground leakage current	@240VAC, 50Hz			0.75	mA
<b>• OUTPUT CHARACTERISTICS</b>					
Output Voltage	Refer to rating chart	3.3		48	VDC
Output Current	Refer to rating chart			6	ADC
Output Power	Refer to rating chart			80	Watts
Multiple Outputs		As per custom requirements			
Ripple & Noise		1% Peak to Peak Maximum			
Over Current Protection	Output protected for short circuit conditions				
Temperature Coefficient	±0.04% / °C maximum				
MTBF	50,000 hours, optional				
<b>• ENVIRONMENTAL CHARACTERISTICS</b>					
Operating temperature		0		+40	°C
Storage temperature		-20		+85	°C
Relative humidity	Non-condensing	5		95	%
De-rating	From 100% @ +40°C de-rating linear to 50% @ +70°C				
<b>• GENERAL SPECIFICATIONS</b>					
Efficiency		70			%
Hold-up time				8	Sec
Line regulation			±1		%
Load regulation			±5		%
Dimension	L x W x H	135 x 70 x 45			mm
Insulation resistance	50M ohm minimum from Output to ground				
EMI requirement	Meets conduction limits of FCC part 15 class B & CISPR 22 class B				
Inrush current	80A maximum at 25°C ambient temperature				
Withstand voltage	3KVAC between Input & Output				
<b>All specifications apply at 25°C unless otherwise noted</b>					



RATING CHART			
MODEL NO.	O/P VOLTAGE in VDC	O/P CURRENT in AMPS	O/P POWER in WATTS
SABT4A	3.3	5.5	18.15
SABT4B	3.3	6	19.8
SABT4C	5	5.5	27.5
SABT4D	5	6	30
SABT4E	9	5.5	49.5
SABT4F	9	6	54
SABT4G	12	5.5	66
SABT4H	12	6	72
SABT4I	15	4.5	67.5
SABT4J	15	5	75
SABT4K	18	3.5	63
SABT4L	18	4	72
SABT4M	24	3	72
SABT4N	36	2	72
SABT4O	48	1.5	72

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