

## DATA SHEET

### AC to DC Bench Top Adapter, Model no. SABT3

- 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 60W
- 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			5	ADC
Output Power	Refer to rating chart			60	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 38			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
SABT3A	3.3	3.5	11.55
SABT3B	3.3	4	13.2
SABT3C	3.3	4.5	14.85
SABT3D	3.3	5	16.5
SABT3E	5	3.5	17.5
SABT3F	5	4	20
SABT3F	5	4	20
SABT3G	5	4.5	22.5
SABT3H	5	5	25
SABT3I	9	3.5	31.5
SABT3J	9	4	36
SABT3K	9	4.5	40.5
SABT3L	9	5	45
SABT3M	12	3.5	42
SABT3N	12	4	48
SABT3O	12	4.5	54
SABT3P	12	5	60
SABT3Q	15	3.5	52.5
SABT3R	15	4	60
SABT3S	18	3	54
SABT3T	24	2.5	60
SABT3U	36	1.5	54
SABT3V	36	1.5	54

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