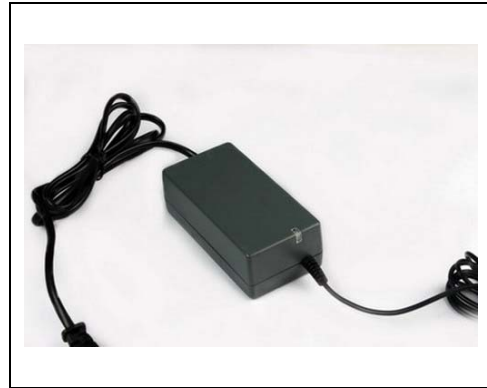


DATA SHEET

AC to DC Bench Top Adapter, Model no. SABT2

- High efficiency and high reliability
- Single Output
- Optional Output connectors
- Optional Input plugs
- Output voltage between 3.3VDC to 48VDC
- Maximum Output power of 50W
- Universal Input 85V ~ 300VAC
- Compact and low profile design
- Short circuit protection



SPECIFICATIONS

PARAMETER	TEST CONDITIONS	MINIMUM	TYPICAL	MAXIMUM	UNITS
• INPUT CHARACTERISTICS					
Input Voltage		85		300	VAC
Input Frequency		47		63	Hz
Input Current					A (rms)
Safety ground leakage current	@240VAC, 50Hz			0.75	mA
• OUTPUT CHARACTERISTICS					
Output Voltage	Refer to rating chart	3.3		48	VDC
Output Current	Refer to rating chart			3	ADC
Output Power	Refer to rating chart			50	Watts
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				
• ENVIRONMENTAL CHARACTERISTICS					
Operating temperature		0		+40	°C
Storage temperature		-20		+85	°C
Relative humidity	Non-condensing	5		95	%
Derating	From 100% @ +40°C derating linear to 50% @ +70°C				
• GENERAL SPECIFICATIONS					
Efficiency		70			%
Hold-up time				8	Sec
Line regulation			±1		%
Load regulation			±5		%
Dimension	L x W x H	111 x 56 x 37			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				
All specifications apply at 25°C unless otherwise noted					



RATING CHART			
MODEL NO.	O/P VOLTAGE in VDC	O/P CURRENT in AMPS	O/P POWER in WATTS
SABT2A	3.3	2.5	8.25
SABT2B	3.3	3	9.9
SABT2C	5	2.5	12.5
SABT2D	5	3	15
SABT2E	7.5	2.5	18.75
SABT2F	7.5	3	22.5
SABT2G	9	2.5	22.5
SABT2H	9	3	27
SABT2I	12	2	24
SABT2J	12	2.5	30
SABT2K	12	3	36
SABT2L	15	1.5	22.5
SABT2M	15	2	30
SABT2N	15	2.5	37.5
SABT2O	15	3	45
SABT2P	18	1	18
SABT2Q	18	1.5	27
SABT2R	18	2	36
SABT2S	18	2.5	45
SABT2T	24	1	24
SABT2U	24	1.5	36
SABT2V	24	2	48
SABT2W	36	1	36
SABT2X	48	1	48

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