

30W Triple Output Switching Power Supply



Technical Data

Index Type	T-30A			T-30B		
DC Voltage	5V	12V	-5V	5V	12V	-12V
Voltage Adjust Range	+10%--5%			+10%--5%		
Voltage Tolerance	±2%	+2%-6%	+2%-10%	±2%	+2%-6%	±6%
Rated Current	3A	1A	0.5A	3A	1A	0.5A
Current Range	0.5-3A	0.1-1A	0.1-0.5A	0.5-3A	0.1-1A	0.1-0.5A
Rated Power	29.5W			33W		
Efficiency	70%			72%		
Ripple&Noise(Max.)	50mvp-p	100mvp-p	50mvp-p	50mvp-p	100mvp-p	100mvp-p
Line Regulation	±0.5%	±1%	±1%	±0.5%	±1%	±1%
Load Regulation	±0.5%	±5%	±5%	±0.5%	±5%	±5%
Voltage Range	85-132VAC/170-264VAC 47-63Hz 240-370VDC					
AC Current	0.8A/115V0.45A/230V					
Inrush Current(Max.)	cold start current18A/115V36A/230V					
Leakage Current	<1mA/240V					
Overload Protection	105-150% type : current limitation auto recovery					
Over-voltage Protection	-----					
Over-temperature Protection	-----					
Temp.Coefficient	±0.03%/°C(0-50°C)					
Setup.Rise,Hold Time	200ms 100ms 300ms /230V					
Withstand Voltage	I/P-O/P:3KVACI/P-FG:1.5KVACO/P-FG:0.5KVAC					
Isolated Resistor	I/P-O/P,I/P-FG,O/P-FG:500VDC/100MΩ					
Storage Temp.Humidity	0-50°C@100%,-10°C@80%,60°C@60%,20%-90%RH					
Weight	0.45Kg					
Safety Standards	UL1012					
EMC	FCC part15.conduction					

Note:

- 1.All parameters NOT specially mentioned are measured at 230VAC input ,rated load and 25 of ambient temperature.
- 2.Tolerance:includes set up tolerance,line regulation and load regulation
- 3.Ripple&noise are measured at 20MHZ of bandwidth by using a 12 twisted pair-wire terminated with a 0.1uf&47uf parallel capacitor.
- 4.Line regulation:min&max voltage of the rated load.
- 5.Load regulation:load from 0 to 100%