

30W Dual Output Switching Power Supply



Technical Data

Index Type	D-30A		D-30B	
DC Voltage	5V	12V	5V	24V
Voltage Adjust Range	4.75-5.5V		4.75-5.5V	
Voltage Tolerance	±2%	+3%-7%	±2%	+3%-5%
Rated Current	4A	1A	2.2A	1A
Current Range	0.54A	0.1A	0.5-2.2A	0.1-1A
Rated Power	32W		35W	
Efficiency	72%		74%	
Ripple&Noise(Max.)	50mvp-p	100mvp-p	50mvp-p	100mvp-p
Line Regulation	±0.5%	±0.5%	±0.5%	±0.5%
Load Regulation	±0.5%	±4%	±1%	±4%
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 part15v			

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%