

300W dual output switching power supply

D-300 Series



Features:

- AC input voltage range selected by switch
- Small volume, low weight, high efficiency
- Protections: short circuit/over load/over voltage/over temp
- Cooling by free convection
- Led indicator for power on
- 100% full load burn-in test
- 1 year warranty

Specification Dimension:215*115*50mm

Model		D-300A		D-300B		D-300C		
Output	DC Voltage	Ch1:5v	Ch2:12v	Ch1:5v	Ch2:24v	Ch1:12v	Ch2:24v	
	Voltage tolerance	±2.0%	±6.0%	±2.0%	±7.0%	±3.0%	±7.0%	
	Rated Current	2-5A	0.5-20A	2-25A	0.4-7A	2-25A	0.2-4A	
	Related Power	265w		300w		300w		
	Wave&Noise	60mVp-p	150mVp-p	60mVp-p	200mVp-p	120mVp-p	150mVp-p	
	DC Voltage ADJ range	Ch1:-9%~+10%						
	Set up,rise,hold up time	200ms 100ms 30ms						
Input	Voltage Range	95 ~132VAC 180-264VAC 47-63HZ						
	AC Current	15A/115VAC 8A/230VAC						
	Efficiency	78%		82%		87%		
	AC inrush current	Cold start current 25A/115V 50A /230VAC						
	Leakage current	<3.5mA/240VAC						
Protection	Overload	Related output power 105-150% start overload protection Protection type: cutoff output, recovery after restart power						
	Over voltage	Ch2 :115%~135% Hiccup mode,recovers automatically after fault condition						
Environment	Working temp humidity	-10~+60°C 20%~90%RH						
	Storage temp, humidity	-20~+85°C 20%~90%RH Non-condensing						
	Withstand vibration	10-500Hz,2G 10min/1 cycle, period for 60min, each axes						
Safety	Withstand voltage	I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC						
	Isolation resistance	I/P-O/P:I/P-FG:O/P-FG: 100M Ohms/500VDC						
Standard	Safety standard	Fit UL1012						
	Refer	Design refer to GB4943,UL60950,EN60950						
	EMC standard	Design refer to GB9254,EN55022 Class A						
Size	size	L215*W115*H50mm						
	Package	1.1kg, 16pcs/18kg						

Note:1.All parameters not specially mentioned are measured at 230VAC input, related load and 25°C of ambient temperature.

2.Wave&noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf&47uf parallel capacitor.

3.Tolerance: includes set up tolerance, line regulation and load regulation.