

DKS-50-12 (12V, 4A, 50W)

Special Features

- Universal AC input/Full range
- Class I power
- Protections: Short circuit /over load cooling by free air convection
- 100% full load burn-in test
- Approvals: CE/CCC
- 2 year warranty

Specification

Model	DKS-50-5	DKS-50-12	DKS-50-24	DKS-50-48	
Output	DC Voltage	5V	12V	24V	48V
	Rated Current	8.00A	4.20A	2.10A	1.05A
	Current Range	0-8.00A	0-4.20A	0-2.10A	0-1.05A
	Rated Power	40W	50W	50W	50W
	Ripple & Noise	75mVp-p	100mVp-p	150mVp-p	150mVp-p
	Voltage ADJ. Range	4.75-5.5V	10.8-13.2V	21.6-26.4V	43.2-52.8V
	Voltage Tolerance	±1.5%	±1.0%	±1.0%	±1.0%
	Line Regulation	±0.5%	±0.5%	±0.5%	±0.5%
	Load Regulation	±1.0%	±0.5%	±0.5%	±0.5%
	Set up, rise time	900ms, 60ms/230Vac at full load			
Hold Time	20ms/230Vac at full load				
Input	Voltage Range	85~264Vac 120~370Vdc			
	Frequency Range	47~63Hz			
	Efficiency	72 72% 230Vac	80% 230Vac	82% 230Vac	84% 230Vac
	AC current	1.1A/115Vac 0.6A/230Vac			
	Inrush Current	Cold start 30A/115Vac 60A/230Vac			
	Leakage Current	<0.75mA 240Vac			
Protection	Over Load	110%-150% rated output power			
		Hiccup mode, recovers automatically after fault condition is removed.			
Environment	Working temp.	-10~ +60°C (refer to output derating curve)			
	Working Humidity	20~90%RH non-condensing			
	Storage Temp., Humidity	-20~+85°C , 10-95% RH			
	Temp. Coefficient	±0.03%/°C (0~50°C)			
	Vibration	10~500Hz, 2G 10min./1cycle, period for 60min, each along X, Y, Z axes			
Safety & EMC	Safety Standard	UL1012, ,UL60950-1 approved.			
	EMC	I/P-O/P:3KVac , 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			
	EMI Conduction& Radiation	Compliance to EN55022 Class B			
	Harmonic Current	Compliance to EN61000-3-2,-3			
	EMS Immunity	Compliance to EN61000-4-2,3,4,5 ,EN55024			
Others	MTBF	50,000hours min at 25°C			
	Dimension	110mm*77mm*35mm			
	Weight	0.30KGS/PC			

Dimension

