

DKS-50F-5 (5V, 10A, 50W)

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-50F-05
Output	DC Voltage	5V
	Rated Current	10.00A
	Current Range	0-10.00A
	Rated Power	50W
	Ripple & Noise	75mVp-p
	Voltage ADJ. Range	4.75-5.50V
	Voltage Tolerance	±1.5%
	Line Regulation	±0.5%
	Load Regulation	±1.0%
	Set up , rise time	900ms, 60ms/230Vac at full load
	Hold Time	10ms/230Vac at full load
Input	Voltage Range	85~264Vac 120~370Vdc
	Frequency Range	47~63Hz
	Efficiency	72% 230Vac
	AC current	1.5A/115Vac 0.8A/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 .
	Withstand Voltage	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

