

GKS-100F-12 (12V, 8.3A, 100W)

GKS-100F-24 (24V, 4.2A, 100W)

Features

- AC input range selected by switch
- Class II power
- Protections: Short circuit /overload/over voltage
- Cooling by free air convection
- 100% full load burn-in test
- Approvals: UL/CE/CCC
- 1 year warranty



Specification

	Model	GKS-100F-12	GKS-100F-24
Output	DC Voltage	12V	24V
	Rated Current	8.4A	4.2A
	Current Range	0-8.4A	0-4.2A
	Rated Power	100.8W	100.8W
	Ripple & Noise	125mVp-p	150mVp-p
	Voltage ADJ. Range	10.8-13.2V	21.6-26.4V
	Voltage Tolerance	±1%	±1.0%
	Line Regulation	±0.5%	±0.5%
	Load Regulation	±0.5%	±0.5%
	Set up, rise time	200ms, 50ms/230Vac at full load	
Hold Time	15ms/230Vac at full load		
Input	Voltage Range	85~132Vac , 185Vac~264Vac	
	Frequency Range	47~63Hz	
	Efficiency	81% 115Vac	84% 115Vac
	AC current	1.5A/115Vac 0.9A/230Vac	
	Inrush Current	Cold start 30A/115Vac 60A/230Vac	
Pro-tection	Leakage Current	<0.75mA 240Vac	
	Over Load	105%-150% rated output power. Shut off, AC recycle to re-start	
	Over Voltage	13.8~16.2V	27.6~32.4V
Environ-ment	Shut off, AC recycle to re-start, after fault condition is removed		
	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)	
Safety & EMC	Vibration	10~500Hz, 2G 10min./1cycle, period for 60min, each along X, Y, Zaxes	
	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	199x98x42	
	Weight	0.59KGS/PC	

Dimension

