

## **GKS-50-12 (12V, 4.2A, 50W)**

## **GKS-50-24 (24V, 2.1A, 50W)**

### **Features**

- Universal AC input/Full range
- 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**

	<b>Model</b>	<b>GKS-50-12</b>	<b>GKS-50-24</b>
<b>Output</b>	DC Voltage	12V	24V
	Rated Current	4.2A	2.1A
	Current Range	0-4.20A	0-2.10A
	Rated Power	50.4W	50.4W
	Ripple & Noise	100mVp-p	150mVp-p
	Voltage ADJ. Range	10.8-13.2V	21.6-26.4V
	Voltage Tolerance	±1.0%	±1.0%
	Line Regulation	±0.5%	±0.5%
	Load Regulation	±0.5%	±0.5%
	Set up, rise time	300ms, 50ms/230Vac at full load	
Hold Time	20ms/230Vac at full load		
<b>Input</b>	Voltage Range	85~264Vac 120~370Vdc	
	Frequency Range	47~63Hz	
	Efficiency	81% 115Vac	84% 115Vac
	AC current	0.8A/115Vac 0.42A/230Vac	
	Inrush Current	Cold start 18A/115Vac 36A/230Vac	
	Leakage Current	<0.75mA 240Vac	
<b>Pro-tection</b>	Over Load	105%-150% rated output power. Hiccup mode, recovers automatically after fault condition is removed	
	Over Voltage	13.8~16.2V	27.6~32.4V
<b>Environ-ment</b>	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,Zaxes	
<b>Safety &amp; EMC</b>	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	
<b>Others</b>	MTBF	50,000hours min at 25°C	
	Dimension	129x98x40	
	Weight	0.39KGS/PC	

