

Features

- Universal AC input/Full range 90-264Vac
- Working temperature -30~+70°C
- Protections : Short circuit /overload/over voltage
- Cooling by free air convection
- 100% full loading burn-in test
- Approvals : CE
- 3 year warranty

SPECIFICATION

Model		GK-100-5	GK-100-12	GK-100-24	GK-100-48
Output	DC Voltage	5V	12V	24V	48V
	Rated Current	16A	8.4A	4.2A	2.2A
	Current Range	0-16A	0-8.4A	0-4.2A	0-2.2A
	Rated Power	80W	100.8W	100.8W	105.6W
	Ripple & Noise	100mVp-p	120mVp-p	150mVp-p	200mVp-p
	Voltage ADJ. Range	4.5-5.5V	10.8-13.2V	21.6-26.4V	44-52V
	Voltage Tolerance	±2.0%	±1.0%	±1.0%	±1.0%
	Line Regulation	±0.5%	±0.5%	±0.5%	±0.5%
	Load Regulation	±2.0%	±1.0%	±1.0%	±1.0%
	Set up , rise time	≤2500ms, ≤50ms/230Vac at full load			
Hold Time	≥20ms/230Vac at full load				
Input	Voltage Range	90~264Vac			
	Frequency Range	47~63Hz			
	Efficiency	83%	85%	85%	86%
	AC current	1.9A/115Va & 1.2A/230Vac			
	Inrush Current	Cold start 60A/230Vac			
	Leakage Current	<1mA 240Vac			
Protection	Over Load	110%-160% rated output power			
	Short circuit	Hiccup mode, recovers automatically after fault condition is removed .			
	Over Voltage	5.75~6.5V	13.5~16V	27~32V	53~60V
Environment	Working temp.	-30~ +70°C			
	Working Humidity	20~90% RH non-condensing			
	Storage Temp., Humidity	-30~+85°C , 20~95% RH			
	Working altitude	5000m			
	Vibration	10~500Hz, 2G 10min./1cycle , period for 60min , each along X, Y, Z axes			
Safety & EMC	Safety Standard	Design refer to UL1012,EN62368-1			
	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:100M Ohms ;O/P-FG::50M Ohms			
	EMI Conduction& Radiation	Compliance to EN55032 Class B			
	Harmonic Current	Compliance to EN61000-3-2,-3			
	EMS Immunity	Compliance to EN55035 ,EN61000-4-2,3,4,5,6,8,11			
Others	MTBF	500,000hours min at 25°C			
	Dimension	129x97x30mm			
	Weight	0.3KGS/PC			