



## Features:

- Universal / Full range AC input
- Built in active PFC
- Highly reliable design
- 100% full load burn-in test
- 3 years warranty



Characteristics				
Part Number	GKF-320-5II	GKF-320-12II	GKF-320-24II	GKF-320-48II
DC Output	5V	12V	24V	48V
Rated Output Current	55A	25A	13A	6.7A
Ripple & Noise	<150mV	<150mV	<200mV	<200mV
Voltage ADJ. Range	5% to 10%			
Voltage Accuracy	+/-1%			
Line Regulation	+/-0.5%			
Load Regulation	+/-1%			
Set-up Time	<2.0S (230Vac input Full load)			
Hold up Time	>10mS (230Vac input, Full load)			
Temperature Coefficient	+/-0.03°C			
Overshoot and Undershoot	<5%			
Input Voltage Range	85Vac - 264Vac 120Vdc-370Vdc			
Input Frequency Range	47Hz-63Hz			
Efficiency	79%	84.5%	87%	87.5%
AC Current (max.)	<4.5A			
Inrush Current (max.)	<50A@230Vac <30A@115Vac Cold Start			
Leakage Current	Input-output <0.25mA Input-PG: <1mA			
Over Load Protection	105 - 150% of rated output current, hiccup mode, auto recovery			
Over Power Protection	105 - 150% of rated output current, hiccup mode, auto recovery			
Short Circuit	Long term mode, auto recovery			
Operating Temp. & Humidity	-25 to 70°C 20 to 90%RH (No condensing)			
Storage Temp. & Humidity	-40 to 85°C 10 to 95%RH (No condensing)			
Safety Standards	UL60950-1, EN60950-1: 2006 IEC 60950-1:2005			
Withstand Voltage	Primary-Secondary: 3KVac <10mA Primary-PG:1.5KVac; <10mA Secondary-PG:0.5KVDC<10mA			
Isolation Resistance	>100M ohms			
EMI Conduction Radiation	Compliance to EN55022 Class B			
Harmonic Current	Compliance to EN61000-3-2 Class D			
EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11; ENV50204, Heavy Industry Level			
MTBF	>200,000 Hours			
Dimension	199mm x 99mm x 50mm			
Packing	12PCS/CTN 11.6Kgs			
Cooling Method	Cooling by forced air (built in fan)			

## Stontronics Ltd

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Please Note: Image shown is representative of entire range. Individual PSU image &/or drawings or data sheets available on request.

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