## GK150 series

## Features

' AC input range selected by switch

·Class II power

'Protections : Short circuit /overload/over voltage

cooling by free air convection100% full load burn-in test

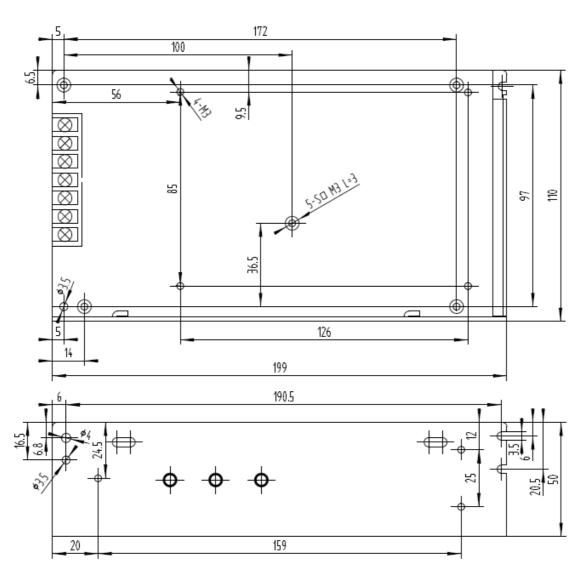
·Approvals : UL/CE/CCC

·1 year warranty

## **SPECIFICATION**



	GK-150-5	GK-150-12	GK-150-24	GK-150-48
DC Voltage	5V	12V	24V	48V
Rated Current	30A	12.5A	6.5A	3.2A
Current Range	0-30A	0-12.5A	0-6.5A	0-3.2A
Rated Power	150W	150W	156W	153.6W
Ripple & Noise	100mVp-p	120mVp-p	150mVp-p	150mVp-p
Voltage ADJ. Range	4.75-5.5V	10.8-13.2V	21.6-26.4V	43.2-52.8V
Voltage Tolerance	±1.5%	±1.0%	±1.0%	±1.0%
Line Regulation	±0.5%	±0.5%	±0.5%	±0.5%
Load Regulation	±1.0%	±0.5%	±0.5%	±0.5%
Set up, rise time	300ms, 50ms/230Vac at full load			
Hold Time	30ms/230Vac at full load			
Voltage Range	85~132Vac , 185Vac~264Vac			
Frequency Range	47~63Hz			
Efficiency	78% 115Vac	81% 115Vac	84% 115Vac	85% 115Vac
AC current	3A/115Vac 2A/230Vac Cold start 13A/115Vac 25A/230Vac <0.75mA 240Vac			
Inrush Current				
Leakage Current				
Over Load	105%-150% rated output power			
	Shut off,AC recycle to re-start			
Over Voltage	5.75~6.75V	13.8~16.2V	27.6~32.4V	55.2~64.8V
	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℃, 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 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			
MTBF	50,000hours min 25℃			
Dimension	199x110x50			
	0.7KGS/PC			
	Rated Current Current Range Rated Power Ripple & Noise Voltage ADJ. Range Voltage Tolerance Line Regulation Load Regulation Set up , rise time Hold Time Voltage Range Frequency Range Efficiency AC current Inrush Current Leakage Current Over Load  Over Voltage  Working temp. Working Humidity Storage Temp., Humidity Temp. Coefficient Vibration Safety Standard Withstand Voltage Isolation Resistance EMI Conduction& Radiation Harmonic Current EMS Immunity MTBF	DC Voltage       5V         Rated Current       30A         Current Range       0-30A         Rated Power       150W         Ripple & Noise       100mVp-p         Voltage ADJ. Range       4.75-5.5V         Voltage Tolerance       ±1.5%         Line Regulation       ±0.5%         Load Regulation       ±1.0%         Set up , rise time       300ms, 50ms/2:         Hold Time       30ms/230Vac         Voltage Range       85~132Vac ,         Frequency Range       47~63Hz         Efficiency       78% 115Vac         AC current       3A/115Vac         Inrush Current       Cold start 13a         Leakage Current       <0.75mA 240	DC Voltage	DC Voltage



ECPOWER® 6 k 15 0