

GK1000 series

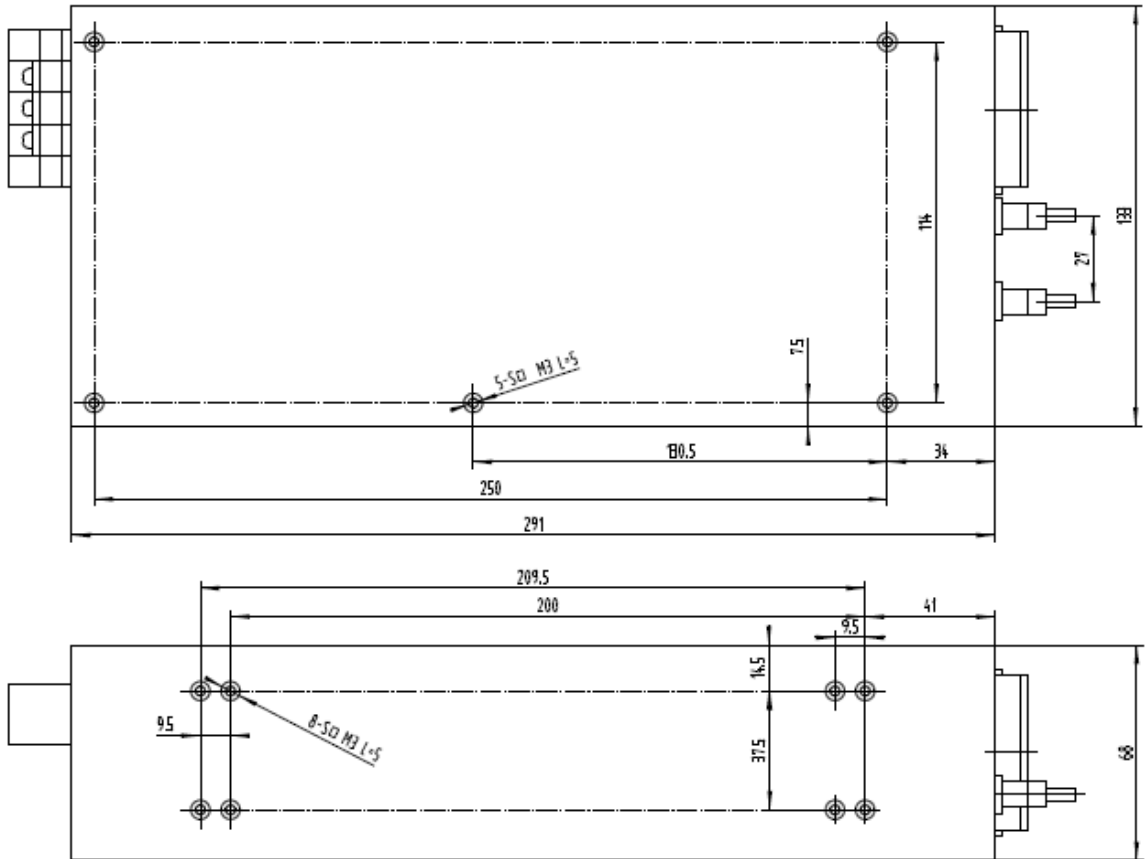
■ Features

- AC input range selected by switch
- Class II power
- Protections : Short circuit /overload/over voltage/ over temp.
- Forced air cooling by build-in fan
- 100% full load burn-in test
- Approvals : UL/CE/CCC
- 1 year warranty



SPECIFICATION

Model		GK-1000-12	GK-1000-24	GK-1000-48
Output	DC Voltage	12V	24V	48V
	Rated Current	83.3A	41.6A	20.8A
	Current Range	0-83.3A	0-41.6A	0-20.8A
	Rated Power	999.6W	998.4W	998.4W
	Ripple & Noise	150mVp-p	240mVp-p	480mVp-p
	Voltage ADJ. Range	10.8-13.2V	21.6-26.4V	43.2-52.8V
	Voltage Tolerance	±2.0%	±1.0%	±1.0%
	Line Regulation	±0.5%	±0.5%	±0.5%
	Load Regulation	±1.5%	±0.5%	±0.5%
	Set up , rise time	800ms, 50ms/230Vac		
	Hold Time	16ms/230Vac		
Input	Voltage Range	200Vac~260Vac		
	Frequency Range	47~63Hz		
	Efficiency	85% 115Vac	87% 115Vac	89% 115Vac
	AC current	0.6A/115Vac 0.35A/230Vac		
	Inrush Current	Cold start 75A/115Vac 150A/230Vac		
	Leakage Current	<0.75mA 240Vac		
Protection	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	55.2~64.8V
		Hiccup mode, recovers automatically after fault condition is removed .		
Environment	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, Z axes		
Safety & EMC	Safety Standard	UL1012,TUV EN60950-1 approved .		
	Withstand Voltage	I/P-O/P:3KVac , I/O-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 25°C		
	Dimension	291x133x68		
	Weight	2.8KGS/PC		



HGPOWER[®]
GK1000