

### Features

- 90-132Vac or 185-264Vac selected by the switch
- Working temperature  $-30^{\circ}\text{C}\sim+70^{\circ}\text{C}$
- 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-200-12	GK-200-15	GK-200-24	GK-200-48
Output	DC Voltage	12V	15V	24V	48V
	Rated Current	16.7A	13.3A	8.3A	4.1A
	Current Range	0-16.7A	0-13.3A	0-8.3A	0-4.1A
	Rated Power	200.4W	199.5W	199.2W	196.8W
	Ripple & Noise	150mVp-p	150mVp-p	150mVp-p	250mVp-p
	Voltage ADJ. Range	10.8-13.2V	13.5-16.5V	21.6-26.4V	44-52V
	Voltage Tolerance	$\pm 1.0\%$	$\pm 1.0\%$	$\pm 1.0\%$	$\pm 1.0\%$
	Line Regulation	$\pm 0.5\%$	$\pm 0.5\%$	$\pm 0.5\%$	$\pm 0.5\%$
	Load Regulation	$\pm 1.0\%$	$\pm 1.0\%$	$\pm 1.0\%$	$\pm 1.0\%$
	Set up , rise time	$\leq 2500\text{ms}$ , $\leq 140\text{ms}/230\text{Vac}$ at full load			
Hold Time	$\geq 20\text{ms}/230\text{Vac}$ at full load				
Input	Voltage Range	90~132Vac or 185~264Vac selected by the switch			
	Frequency Range	47~63Hz			
	Efficiency	85%	85%	86%	88%
	AC current	4.2A/115Va & 2.1A/230Vac			
	Inrush Current	Cold start 60A/230Vac			
	Leakage Current	$< 3.5\text{mA}$ 240Vac			
Protection	Over Load	110%-150% rated output power			
	Short circuit	Hiccup mode, recovers automatically after fault condition is removed .			
	Over Voltage	13.5~16.5V	16.8~20.3V	27~33V	54~64V
Environment	Working temp.	$-30^{\circ}\text{C}\sim+70^{\circ}\text{C}$			
	Working Humidity	20~90% RH non-condensing			
	Storage Temp., Humidity	$-30^{\circ}\text{C}\sim+85^{\circ}\text{C}$ , 20~95% RH			
	Working altitude	2000m			
	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			
	EMS Immunity	Compliance to EN55035 ,EN61000-4-2,3,4,5,6,8,11			
Others	MTBF	500,000hours min at 25°C			
	Dimension	215x115x30mm			
	Weight	0.4KGS/PC			