

GKS200 series

■ Features

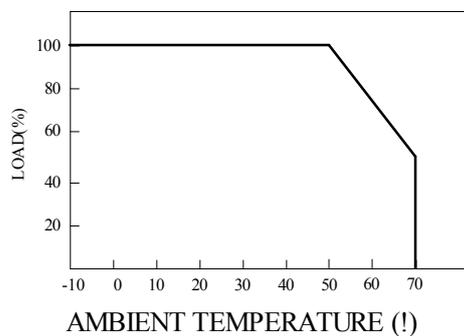
- AC input range selected by switch
- Class I power
- Protections : Short circuit/over load/over voltage
- cooling by free air convection
- 100% full load burn-in test
- Approvals : UL/CE
- 2 year warranty



SPECIFICATION

Model		GKS200A-F5	GKS200A-F12	GKS200A-F13.8	GKS200-F15	GKS200-F24	GKS200-F48	
Output	DC Voltage	5V	12V	13.8V	15V	24V	48V	
	Rated Current	40.0A	16.5A	14.5A	13.0A	8.0A	4.2A	
	Current Range	0-40.0A	0-16.5A	0-14.5A	0-13.0A	0-8.0A	0-4.2A	
	Rated Power	200.0W	198.0W	200.0W	195.0W	192.0W	201.6W	
	Ripple & Noise	75mVp-p	125mVp-p	140mVp-p	150mVp-p	240mVp-p	300mVp-p	
	Voltage ADJ. Range	4.75-5.50V	10.80-13.20V	12.42-15.18V	13.50-16.50V	21.6-26.4V	43.2-52.8V	
	Voltage Tolerance	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	
	Line Regulation	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	
	Load Regulation	±1.0%	±1.0%	±0.5%	±0.5%	±0.5%	±0.5%	
	Set up , rise time	200ms, 50ms/230Vac at full load						
	Hold Time	15ms/230Vac at full load						
Input	Voltage Range	100~120Vac , 200Vac~240Vac						
	Frequency Range	50/60Hz						
	Efficiency	72%	75% 115Vac	80% 230Vac	80% 230Vac	80% 230Vac	80% 230Vac	82% 230Vac
	AC current	4.5A/115Vac 2.25A/230Vac						
	Inrush Current	Cold start 30A/115Vac 60A/230Vac						
	Leakage Current	<0.75mA 240Vac						
Protection	Over Load	110%-150% rated output power Shut off,AC recycle to re-start						
	Over Voltage	6.00~7.00V	14.40~16.80V	16.56~19.32V	18.00~21.00V	28.80~33.60V	57.60~67.20V	
		Shut off,AC recycle to re-start ,after fault condition is removed .						
Environment	Working temp.	-10~ +60℃ (refer to output derating curve)						
	Working Humidity	20~90%RH non-condensing						
	StorageTemp.,Humidity	-20~+85℃ , 10~95% RH						
	Temp. Coefficient	±0.03%/℃ (0~50℃)						
	Vibration	10~500Hz, 2G 10min./1cycle , period for 60min , each along X, Y, Z axes						
Safety & EMC	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						
	EMIconduction& Radiation	Compliance to EN55022 Class A						
	Harmonic Current	Compliance to EN61000-3-2,-3						
	EMS Immunity	Compliance to EN61000-4-2, 3, 4, 5, EN55024						
Others)	MTBF	20,000hours min 25℃						
	Dimension	199x110x50						
	Weight	0.90KGS/PC						

Derating Curve



Output Derating VS Input Voltage

