

FEATURES

- 0.98 typical of power factor
- High reliability and low ripple noise
- Built-in remote sense function
- Built-in remote ON/OFF control
- Built-in power good signal output
- Programmable output voltage
- Forced current sharing at parallel operation
- Output short circuit / over voltage / overload / over temperature protections
- CB, CE, UL, TUV approved



	MODEL No.	1K5S-P009	1K5S-P012	1K5S-P015	1K5S-P018	1K5S-P024	1K5S-P036	1K5S-P048	1K5S-P060	
OUTPUT	DC VOLTAGE	9V	12V	15V	18V	24V	36V	48V	60V	
	RATED CURRENT	166A	125A	100A	83.3A	62A	41.6A	31A	25A	
	RATED POWER	1494W	1500W	1500W	1500W	1488W	1497W	1488W	1500W	
	RIPPLE & NOISE (max.)	150mVp-p	150mVp-p	150mVp-p	180mVp-p	240mVp-p	360mVp-p	480mVp-p	600mVp-p	
	VOLTAGE ADJ. RANGE	+3.0% ~ -12% typical adjustment by potentiometer; 20% ~ 100% adjustment by 1 ~ 5VDC external control								
	LINE & LOAD REGULATION	Less than 1%								
	SETUP, RISE, HOLD TIME	800ms, 400ms, 12ms at full load								
INPUT	VOLTAGE RANGE	180 ~ 260VAC / 260 ~ 370VDC								
	FREQUENCY RANGE	47 ~ 63Hz								
	POWER FACTOR (Typ.)	0.95 / 230VAC								
	EFFICIENCY (Typ.)	83%	84%	85%	85%	88%	88%	89%	90%	
	AC CURRENT (Typ.)	9.0A / 230 VDC								
	INRUSH CURRENT (Typ.)	120A / 230VAC								
	LEAKAGE CURRENT (max.)	< 7.0mA / 240VAC								
PROTECTION	OVER LOAD	105 ~ 115% rated output power(Current limiting, delay shut down output voltage, re-power on to recover)								
	OVER VOLTAGE	110 ~ 135% follow to output set up point (Shut down output voltage, re-power on to recover)								
	OVER TEMPERATURE	> 100°C / measure by heat sink, near transformer (Shut down output voltage, recovers automatically after temperature goes down)								
ENVIRONMENT	WORKING TEMP. & HUMIDITY	-0 ~ +50°C @100% Load, +65°C@50% Load; 20%~90% RH non-condensing								
	STORAGE TEMP. & HUMIDITY	-20 ~ +85°C, 10 ~ 95% RH								
	TEMP. COEFFICIENT	± 0.04% / °C (0 ~ 50°C)								
SAFETY & EMC	SAFETY STANDARDS	UL1950, TUV EN60950-1 Approved								
	WITHSTAND VOLTAGE	I/P ~ O/P:3KVAC; 1/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 (CISPR22) class A								
	HARMONIC CURRENT	Compliance to EN61000-3-2,3								
	EMS IMMUNITY	Compliance to EN55024								
	POWER GOOD SIGNAL	Open collector NPN transistor								
OTHERS	SPECIAL FUNCTION	DC voltage Adj., Remote sensing, Remote control, Parallel operation								
	COOLING	Power rating and temperature controlled cooling fan								
	MTBF	37.4K hrs min. MIL-HDBK-217F(25°C)								
	DIMENSION	290 x 120 x 132mm (L x W x H)								
	PACKING	4.5kgs; 4set / 19kgs / CARTON								

*Note:The specifications are subject to change without notice.