

### 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.	1K2S-P005	1K2S-P009	1K2S-P012	1K2S-P015	1K2S-P018	1K2S-P024	1K2S-P036	1K2S-P048	1K2S-P060	
OUTPUT	DC VOLTAGE	5V	9V	12V	15V	18V	24V	36V	48V	60V	
	RATED CURRENT	200A	133A	100A	80A	66.6A	50A	33.3A	24A	20A	
	RATED POWER	1000W	1200W	1200W	1200W	1200W	1200W	1200W	1152W	1200W	
	RIPPLE & NOISE(max.)	150mVp-p	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	500ms, 250ms, 12ms at full load									
INPUT	VOLTAGE RANGE	180 ~ 260VAC, 260 ~ 370VDC									
	FREQUENCY RANGE	47 ~ 63Hz									
	POWER FACTOR (Typ.)	0.95 / 230 VAC									
	EFFICIENCY (Typ.)	78%	83%	84%	85%	85%	88%	88%	89%	90%	
	AC CURRENT (Typ.)	7.0A / 230VAC									
	INRUSH CURRENT (Typ.)	120A / 230VDC									
	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; 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 (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; 4sets / 19kgs / CARTON									

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