

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.	2K0S-P009	2K0S-P012	2K0S-P015	2K0S-P018	2K0S-P024	2K0S-P036	2K0S-P048	2K0S-P060	
OUTPUT	DC VOLTAGE	9V	12V	15V	18V	24V	36V	48V	60V	
	RATED CURRENT	222A	166A	133A	111.1A	83A	55.5A	41A	33A	
	RATED POWER	1998W	1992W	1995W	2000W	1992W	1998W	1968W	1980W	
	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	500ms, 250ms, 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%	86%	88%	88%	89%	90%	
	AC CURRENT (Typ.)	11.5A / 230 VDC								
	INRUSH CURRENT (Typ.)	180A / 230VAC								
	LEAKAGE CURRENT (max.)	< 10.5mA / 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								
OTHERS	POWER GOOD SIGNAL	Open collector NPN transistor								
	SPECIAL FUNCTION	DC voltage Adj., Remote sensing, Remote control, Parallel operation								
	COOLING	Power rating and temperature controlled cooling fan								
	MTBF	74.9K hrs min. MIL-HDBK-217F(25°C)								
	DIMENSION	320 x 212 x 124mm (L x W x H)								
	PACKING	8.9kgs; 1 set / 10kgs / CARTON								

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