



FEATURES

- High reliability and low ripple noise
- Built-in remote sense function
- Built-in remote ON/OFF control
- Programmable output voltage
- Forced current sharing at parallel operation
- Output short circuit / over voltage / overload / over temperature protections
- UL1950, CSA22.2 approved



	MODEL No.	1K2S-N005	1K2S-N012	1K2S-N015	1K2S-N024	1K2S-N048
OUTPUT	DC VOLTAGE	5V	12V	15V	24V	48V
	RATED CURRENT	180A	100A	80A	50A	25A
	RATED POWER	900W	1200W	1200W	1200W	1200W
	RIPPLE & NOISE (max.)	150mVp-p	150mVp-p	150mVp-p	240mVp-p	480mVp-p
	VOLTAGE ADJ. RANGE	± 5.0% typical adjustment by potentiometer; 20% ~ 100% adjustment by 1 ~ 5VDC external control				
	LINE & LOAD REGULATION	Less than 1%				
	SETUP, RISE, HOLD TIME	800ms, 50ms, 16ms at full load				
INPUT	VOLTAGE RANGE	90 ~ 130VAC / 180 ~ 260VAC				
	FREQUENCY RANGE	47 ~ 63Hz				
	EFFICIENCY (Typ.)	77%	83%	85%	85%	87%
	INRUSH CURRENT (Typ.)	120A / 230VAC				
PROTECTION	LEAKAGE CURRENT (max.)	< 7.0mA / 240VAC				
	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)				
ENVIRONMENT	OVER TEMPERATURE	> 100°C / measure by heat sink, near transformer (Shut down output voltage, re-power on to recover)				
	WORKING TEMP. & HUMIDITY	-10 ~ +50°C; 20% ~ 90% RH non-condensing				
	STORAGE TEMP. & HUMIDITY	-20 ~ +85°C, 10 ~ 95% RH				
SAFETY & EMC	TEMP. COEFFICIENT	± 0.04% / °C (0 ~ 50°C)				
	SAFETY STANDARDS	UL1950, IEC60950 Approved				
	WITHSTAND VOLTAGE	I/P ~ O/P, I/P ~ FG: 1.5KVAC				
	ISOLATION RESISTANCE	I/P ~ O/P, I/P ~ FG, O/P ~ FG: 100M Ohms / 500VDC				
	EMI CONDUCTION & RADIATION	Compliance to FCC part 15 class A				
OTHERS	HARMONIC CURRENT	-----				
	EMS IMMUNITY	-----				
	SPECIAL FUNCTION	DC voltage Adj., Remote sensing, Remote control, Parallel operation				
	MTBF	60K hrs min. MIL-HDBK-217F(25°C)				
OTHERS	DIMENSION	295 x 130 x 130mm (L x W x H)				
	PACKING	4.5kgs; 4sets / 20kgs / CARTON				

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