

## 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



	MODEL No	1K5S-N012	1K5S-N015	1K5S-N024	1K5S-N048
OUTPUT	DC VOLTAGE	12V	15V	24V	48V
	RATED CURRENT	125A	100A	62.5A	32A
	RATED POWER	1500W	1500W	1500W	1500W
	RIPPLE & NOISE (max.)	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.)	83%	84%	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	Meet UL1950			
	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	Meet 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)			
	DIMENSION	295 x 130 x 130mm (L x W x H)			
	PACKING	4.5kgs; 4sets / 20kgs / CARTON			