

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		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% 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				
	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, re-power on to recover)				
Environment	Working Temp. & Humidity	-10 ~ +50°C; 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	Meet UL 1950, IEC60950				
	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 part15 classA				
	Harmonic Current	----				
	EMS Immunity	----				
Others	Special Function	DC voltage adj., Remote sensing, Remote control, Parallel operation				
	MTBF	60K Hrs min. MIL-HDBK-217F(25°C)				
	Dimension (L*W*H)(mm)	291x133.5x132.5				
	Packing	4.5kg ; 4sets / 20kgs / Carton				