

2000W single output power supply



■ Features :

- AC input range selected by switch
- Protections: Short circuit/ Over voltage/Over load/ Over temp.
- High reliability/ Low ripple noise
- Forced air cooling by built-in DC fan
- Case coating with paint

SPECIFICATION



ORDER NO.	S-2000-12	S-2000-15	S-2000-24	S-2000-27	S-2000-36	S-2000-48	
OUTPUT	DC VOLTAGE	12V	15V	24V	27V	36V	48V
	RATED CURRENT	166A	133A	83A	74A	55A	41A
	CURRENT RANGE	0~166A	0~133A	0~83A	0~74A	0~55A	0~41A
	RATED POWER	2000W	2000W	2000W	2000W	2000W	2000W
	RIPPLE & NOISE (max.)	100mVp-p	120mVp-p	150mVp-p	180mVp-p	240mVp-p	480mVp-p
	VOLTAGE ADJ. RANGE	±5.0% typical adjustment by potentiometer 20~100% adjustment by 1~5VDC external control					
	VOLTAGE TOLERANCE	±1.5%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
	LINE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
	LOAD REGULATION	±1.0%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
SETUP, RISE, HOLD TIME	800ms, 50ms, 16ms at full load						
INPUT	VOLTAGE RANGE	90 ~ 130VAC / 180~260VAC selected by switch, 260~370VDC					
	FREQUENCY RANGE	47~63Hz					
	EFFICIENCY (Typ.)	77%	80%	81%	82%	85%	87%
	AC CURRENT	11A / 115VAC 7.0A / 230VAC					
	INRUSH CURRENT (max.)	60A / 230VAC					
LEAKAGE CURRENT	3.5mA / 240VAC						
PROTECTION	OVER LOAD	101~115%	110~135% rated output power				
		Protection type : Current limiting, delay shut down o/p voltage, re-power on to recover					
	OVER VOLTAGE	110~135% follow to output set up point					
	Protection type : Shut down o/p voltage, re-power on to recover						
OVER TEMPERATURE	>100°C / measure by heat sink, near transformer						
	Protection type : Shut down o/p voltage, re-power on to recover						
ENVIRONMENT	WORKING TEMP.	-10~+65°C (Refer to output load derating curve)					
	WORKING HUMIDITY	20%~90% RH non-condensing					
	STORAGE TEMP., HUMIDITY	-20~+85°C, 10~95% RH					
	TEMP. COEFFICIENT	±0.04% / °C (0~50°C)					
	VIBRATION	10~200Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes					
OTHERS	MTBF	120khrs min. MIL-HDBK-217F (25°C)					
	DIMENSION	248*158*85 mm (L*W*H)					
	PACKING	4.7kg; 4pcs/ 18.8kg/ CARTON					
	SPECIAL FUNCTION	DC voltage adj., Remote sensing, remote control, parallel operation (refer to terminal instruction manual)					