



Features:

AC input
 Protections: Short circuit/Over load/Over voltage
 Forced air cooling by built-in DC fan
 PWM control and regulated
 Built-in cooling Fan ON-OFF control
 100% full load burn-in test
 Low cost



MODEL		SS-400-12	SS-400-15	SS-400-24	SS-400-27	SS-400-48	
OUTPUT	DC VOLTAGE	12V	15V	24V	27V	48V	
	RATED CURRENT	33A	26.5A	16.6A	14.8A	8.3A	
	CURRENT RANGE	0 ~ 33A	0 ~ 26.5A	0 ~ 16.6A	0 ~ 14.8A	0 ~ 8.3A	
	RATED POWER	396W	397.5W	398.4W	399.6W	398.4W	
	RIPPLE & NOISE (max.)	150mVp-p	150mVp-p	150mVp-p	200mVp-p	240mVp-p	
	VOLTAGE ADJ. RANGE	10 ~ 13.2V	13.5 ~ 18V	20 ~ 26.4V	26 ~ 32V	41 ~ 56V	
	VOLTAGE TOLERANCE	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	
	LINE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	
	LOAD REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	
	SETUP, RISE, HOLD TIME	200ms, 50ms, 20ms at full load					
INPUT	VOLTAGE RANGE	180 ~ 264VAC (110VAC input can be custom-made)					
	FREQUENCY RANGE	47 ~ 63Hz					
	EFFICIENCY (Typ.)	73%	78%	81%	82%	83%	
	AC CURRENT	6.5A/115VAC	4A/230VAC				
	INRUSH CURRENT (max.)	25A/115VAC	50A/230VAC				
	LEAKAGE CURRENT	<3.5mA / 240VAC					
PROTECTION	OVERLOAD	105 ~ 135% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed.					
	OVER VOLTAGE	5.75 ~ 6.75V	18 ~ 21V	27.6 ~ 32.4V	33.7 ~ 39.2V	57.6 ~ 67.2V	
ENVIRONMENT	WORKING TEMP., HUMIDITY	-10 ~ +60°C					
	WORKING HUMIDITY	20 ~ 90% RH non-condensing					
	STORAGE TEMP., HUMIDITY	-20 ~ +85°C, 10 ~ 95% RH					
	TEMP. COEFFICIENT	±0.03%/°C (0 ~ 50°C)					
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes					
SAFETY & EMC	WITHSTAND VOLTAGE	I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC					
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms/500VDC					
OTHERS	MTBF	233.7K hrs min. MIL-HDBK-217F (25°C)					
	DIMENSION	262*105*65mm (L*W*H)					
	PACKING	1.16Kgs/pcs, 12pcs/15.12Kgs/0.0286CMB					
NOTE	<ol style="list-style-type: none"> All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. Tolerance: includes set up tolerance, line regulation and load regulation. 						