



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		S-400-12	S-400-15	S-400-24	S-400-27	S-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
		Protection type : Hiccup mode, recovers automatically after fault condition is removed.				
ENVIRONMENT	WORKING TEMP.,HUMIDITY	-10 ~ +60℃				
	WORKING HUMIDITY	20 ~ 90% RH non-condensing				
	STORAGE TEMP., HUMIDITY	-20 ~ +85C, 10 ~ 95% RH				
	TEMP. COEFFICIENT	0.03%/C (0 ~ 50C)				
	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 (25C)				
	DIMENSION	262*105*65mm (L*W*H)				
	PACKING	1.16Kgs/pcs, 12pcs/15.12Kgs/0.0286CMB				
NOTE	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25C of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. 3. Tolerance: includes set up tolerance, line regulation and load regulation.					