



- Features :
- AC input range selected by switch
- Protections:Short circuit/Over load
- Cooling by free air convection
- 100% full load burn-in test
- Fixed switching frequency at 25KHz
- Low cost
- High reliability
- 1 year warranty

SPECIFICATION

MODEL		S-350-5	S-350-7.5	S-350-12	S-350-13.5	S-350-15	S-350-24	S-350-27	S-350-36	S-350-48	
OUTPUT	DC VOLTAGE	5V	7.5V	12V	13.5V	15V	24V	27V	36V	48V	
	RATED CURRENT	50A	40A	29A	25.8A	23.2A	14.6A	13A	9.3A	7.3A	
	CURRENT RANGE	0-50A	0-40A	0-29A	0~25.8A	0 ~23.2A	0 ~14.6A	0 ~13A	0 ~9.3A	0 ~7.3A	
	RATED POWER	250W	300W	348W	348W	348W	350.4W	351W	334.8W	350.4W	
	RIPPLE & NOISE (max.) Note.2	150mVp-p	150mVp-p	150mVp-p	150mVp-p	150mVp-p	150mVp-p	150mVp-p	150mVp-p	150mVp-p	
	VOLTAGE ADJ. RANGE	4.5~5.3V	6.75~8.25V	10.8~13.2V	12.15~14.8V	13.5 ~ 16.5V	22.6 ~ 26.4V	24.3 ~ 29.7V	32.4 ~ 39.6V	43.2 ~ 52.8V	
	VOLTAGE TOLERANCE Note.3	±2%	±2%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	
	LINE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	
	LOAD REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	
	SETUP, RISE, HOLD TIME	200ms,50ms,20ms/230VAC									
INPUT	VOLTAGE RANGE	90-132VAC /180-264VAC,selected by switch 254-370VDC									
	FREQUENCY RANGE	47 ~ 63Hz									
	EFFICIENCY (Typ.)	73%	76%	74%	79%	78%	81%	82%	82%	83%	
	AC CURRENT	6.5A/115VAC 3.5A/230VAC									
	INRUSH CURRENT (max.)	COLD START 25A/115VAC 50A/230VAC									
	LEAKAGE CURRENT	<3.5mA / 240VAC									
PROTECTION	OVER LOAD	105 ~ 145% rated output power									
		Protection type : Shut down o/p voltage, re-power on to recover									
ENVIRONMENT	WORKING TEMP.	-10 ~ +60 °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	±0.03%/ °C(0 ~ 50°C)									
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes									
SAFETY & EMC	SAFETY STANDARDS	Design refer to CE									
	WITHSTAND VOLTAGE	I/P-O/P:2KVAC 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									
	EMI CONDUCTION & RADIATION	Design refer to FCC Part15 J Conduction Class B									
OTHERS	MTBF	225.7K hrs min. MIL-HDBK-217F (25°C)									
	DIMENSION	230*115*50mm (L*W*H)									
	PACKING										
NOTE	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C 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.										

