



Features :

- AC input range 170-264VAC
- 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
- Fixed switching frequency at 25KHz
- Low cost



MODEL	S-250-12 (M)	S-250-15 (M)	S-250-24(M)	S-250-48(M)	
OUTPUT	DC VOLTAGE	12VDC	15VDC	24VDC	48VDC
	RATED CURRENT	21A	16.7A	10.5A	5.2A
	CURRENT RANGE	0- 21A	0- 16.7A	0- 10.5A	0- 5.2A
	RATED POWER	250W	250W	250W	250W
	RIPPLE & NOISE (max.) Note.2	100mVp-p	100mVp-p	100mVp-p	100mVp-p
	VOLTAGE TOLERANCE Note.3	±1.0%	±1.0%	±1.0%	±1.0%
	HOLD UP TIME	20ms/230VAC 16ms/115VAc (at full load)			
	SETUP, RISE, TIME	200ms,80ms/230VAC			
INPUT	VOLTAGE RANGE	170-264VAC			
	FREQUENCY RANGE	47 ~ 63Hz			
	EFFICIENCY (Typ.)	83%	85%	87%	87%
	AC CURRENT	3A /230VAC			
	INRUSH CURRENT (max.)	50A/230VAC			
	LEAKAGE CURRENT	<3.5mA / 240VAC			
PROTECTION	OVERLOAD	105 ~ 150% rated output power Protection type : Shut down O/P voltage recovers automaticall after fault condition is removed.			
	OVER VOLTAGE	Protection type : Constant voltage limiting,recovers automatically after fault condition is removed			
ENVIRONMENT	WORKING TEMP.,HUMIDITY	-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./1 cycle, 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			
	EMC STANDARDS	Compliance to EN55022 Class B EN61000-6-1			
OTHERS	DIMENSION	199*110*50mm(L*W*H)			
	PACKING				
NOTE	<p>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.</p> <p>2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.</p> <p>3. Tolerance : includes set up tolerance, line regulation and load regulation.</p>				

