



Features :

- . International AC input range auto-selected
- . Protection : short circuit / over load / over voltage / over temp
- . Approvals : UL / CUL / TUV / CB / CE
- . Forced air cooling by built-in DC fan
- . Cooling fan on/off auto-control
- . Fix switching frequency at 75KHz
- . 100% full load burn-in test

2 years warranty



Model	S240-5	S240-7.5	S240-12	S240-15	S240-24	S240-30	S240-48
DC output voltage	5V	7.5V	12V	15V	24V	30V	48V
Output voltage tolerance	+2%	+2%	+1%	+1%	+1%	+1%	+1%
Output rated current	40A	30A	18A	15A	10A	8A	5A
Output current range	0~40A	0~30A	0~18A	0~15A	0~10A	0~8A	0~5A
Ripple & noise	150mVp-p	200mVp-p	150mVp-p	150mVp-p	180mVp-p	180mVp-p	240mVp-p
Line regulation	+0.5%	+0.5%	+0.5%	+0.5%	+0.5%	+1%	+0.5%
Load regulation	+1%	+1%	+0.5%	+0.5%	+0.5%	+1%	+1%
DC output power	200W	225W	216W	225W	240W	240W	240W
Efficiency	78%	80%	82%	83%	84%	85%	87%
DC voltage adjustment (V)	4.5~5.8V	6~9V	10~14V	12~18V	20~28V	27~33V	41~56V
Input voltage range	88-132VAC / 176~264VAC auto switch; 47~63Hz; 248~370 VDC						
AC current	5A / 115 V ; 2.5A 230 V						
Inrush current	18A/115V 36A/230V						
Leakage current	<1.2mA/240VAC						
Over-load protection	105~135% Type : pulsing hiccup shutdown Reset : auto-recovery						
Over-voltage protection	6~7V	9.4~10.9V	14.4~16.8V	18.5~21.5V	31.2~36V	34.5~40.5V	57.6~67.2V
Fan control O.T.P.	RT1>=40°C fan ON ; <=35°C fan OFF; >=70°C output shutdown						
Temperature coefficient	±0.03% /°C (0°~50°C)						
Set-up, Rise, Hold-up time	1s, 20ms, 20ms						
Vibration	10~500Hz, 2G 10min./1cycle, period for 60min. Each axes						
Withstand voltage	I/P-O/P: 3KVAC/VAC I/P-FG: 1.5 KVAC ; O/P-FG : 0.5 KVAC						
Isolation resistance	I/P-O/P, I/P-FG, O/P-FG : 500 VDC /100MΩ						
Working temp. & humidity	-10°C~+60°C (refer to output derating curve) 20~90% R.H.						
Storage temp. & humidity	-20°C~+85°C, 10%~95% R.H. (non-condensing)						
Dimensions	190 x 93 x 65 mm (Length x Width x Height) case 911						
Weight	1.1 Kg						
Safety standards	UL 1950, TUV EN950 (IEC950, UL1950) approved						
EMC standards	CISPR22 (EN55022), IEC801-2,3,4, IEC555-2 verification						
Notes:	-All parameters are specified at 230VAC input, rated load, 25°C & 70% R.H. ambient. - Tolerance include setup tolerance, line regulation, load regulation. - Ripple & Noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1yF & 47uF capacitor. - Line regulation is measured from low line to high line at rated load. - Load regulation is measured from 0% to 100% rated load						

