



**Features :**

- . AC input range selected by switch
- . Protection : short circuit / over load / over voltage / over temp
- . Approvals : UL / CUL
- . Forced air cooling by built-in DC fan
- . Cooling fan on/off auto-control
- . Fix switching frequency at 90KHz
- . 100% full load burn-in test

**2 years warranty**



Model	S320-5	S320-7.5	S320-12	S320-13.5	S320-15	S320-24	S320-27	S320-48
DC output voltage	5V	7.5V	12V	13.5V	15V	24V	27V	48V
Output voltage tolerance	+2%	+2%	+1%	+1%	+1%	+1%	+1%	+1%
Output rated current	50A	36A	25A	22A	20A	12.5A	11A	6.5A
Output current range	0~50	0~36	0~25	0~22	0~20	0~12.5	0~11	0~6.5
Ripple & noise	150mVp-p	150mVp-p	150mVp-p	150mVp-p	150mVp-p	150mVp-p	200mVp-p	240mVp-p
Line regulation	+0.5%	+0.5%	+0.5%	+0.5%	+0.5%	+0.5%	+0.5%	+0.5%
Load regulation	+1%	+1%	+0.5%	+0.5%	+0.5%	+0.5%	+0.5%	+0.5%
DC output power	250W	270W	300W	297W	300W	300W	297W	312W
Efficiency	77%	80%	82%	83%	84%	86%	86%	87%
DC voltage adjustment (V)	4.5~5.7	6~9	10~13.2	12~15	13.5~18	20~26.4	26~32	41~56
Input voltage range	88-132VAC / 176~264VAC auto switch; 47~63Hz; 248~370 VDC							
AC current	6A / 115 V ; 3.5A 230 V							
Inrush current	20A/115V 40A/230V							
Leakage current	<3.5mA/240VAC							
Over-load protection	105~135% Type : pulsing hiccup shutdown Reset : auto-recovery							
Over-voltage protection	5.5~6.75	9.4~10.9	13.8~16.2	15.5~18.2	18~21	27.6~32.4	33.7~39.2	57.6~67.2
Fan control O.T.P.	RTH1>=65°C fan ON ; <=55°C fan OFF ; >=70°C output shutdown. (5~15V)				RTH1>=70°C fan ON ; <=65°C fan OFF ; >=80°C output shutdown (24~48V)			
Temperature coefficient	±0.03% /°C (0°~50°C)							
Set-up, Rise, Hold-up time	2s, 20ms, 20ms							
Vibration	10~500Hz, 2G 10min./1cycle, period for 60min. Each axes							
Withstand voltage	I/P-O/P: 3KVACVAC 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	215 x 115 x 50 mm ( Length x Width x Height ) case 912							
Weight	1.15 Kg							
Safety standards	UL 1950 approved							
EMC standards	.....							
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							

