

**Features :**

- . International AC input range selected by switch
- . Protection : short circuit / over load
- . Thin profile (38mm thick)
- . Free air cooling convection
- . Fix switching frequency at 83KHz
- . 100% full load burn-in test

2 years warranty

Model	S100F-5	S100F-7.5	S100F-12	S100F-15	S100F-24	S100F-48
DC output voltage	5V	7.5V	12V	15V	24V	48V
Output voltage tolerance	±2%	±1%	±1%	±1%	±1%	±1%
Output rated current	20A	13.5A	8.5A	6.7A	4.5A	2.2A
Output current range	0~20	0~13.5	0~8.5	0~6.7	0~4.5	0~2.2
Ripple & noise	100mVp-p	125mVp-p	125mVp-p	125mVp-p	150mVp-p	150mVp-p
Line regulation	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
Load regulation	±1%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
DC output power	100W	101W	102W	100.5W	108W	105.6W
Efficiency	76%	78%	80%	81%	83%	84%
DC voltage adjustment	±10%	±10%	±10%	±10%	±10%	±10%
Input voltage range	88~132VAC / 176~264VAC selected by switch ; 47~63Hz ; 248~370 VDC					
AC current	2.4A / 115 V ; 1.2A 230 V					
Inrush current	Cold start 30A/115V ; 60A/230V					
Leakage current	<1mA/240VAC					
Over-load protection	105~150% Type : pulsing hiccup shutdown Reset : auto-recovery					
Over-voltage protection	115~135%					
Temperature coefficient	±0.03% /°C (0°~50°C)					
Set-up, Rise, Hold-up time	1s, 30ms, 15ms					
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	199 x 98 x 38 mm (Length x Width x Height) case 902					
Weight	650 gr					
Safety standards	UL1012, TUV60950 (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					

