



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

INDEX TYPE	S-100-3	S-100-5	S-100-7.5	S-100-12	S-100-15	S-100-24	S-100-27	S-100-48
DC VOLTAGE	3V	5V	7.5V	12V	15V	24V	27V	48V
VOLTAGE TOLERANCE	±2%	±2%	±1%	±1%	±1%	±1%	±1%	±1%
RATED CURRENT	20A	20A	13.6A	8.5A	6.7A	4.5A	3.7A	2A
CURRENT RANGE	0-20A	0-20A	0-13.6A	0-8.5A	0-6.7A	0-4.5A	0-3.7A	0-2A
RIPPLE&NOISE(MAX.)	100mVp-p	10□mVp-p	100mVp-p	100mVp-p	100mVp-p	100mVp-p	100mVp-p	100mVp-p
LINE REGULATION	±0.5%	±0.5%	±0.5%	±0.3%	±0.3%	±0.2%	±0.2%	±0.2%
LOAD REGULATION	±1%	±0.5%	±0.5%	±0.3%	±0.3%	±0.2%	±0.2%	±0.2%
RATED POWER	60W	100W	102W	102W	100.5W	108W	99.9W	96W
EFFICIENCY(Typ.)	70%	78%	80%	81%	81%	84%	84%	84%
VOLTAGE ADJ. RANGE	2.85-3.3V	4.75-5.5V	6.75-8.25V	10.8-13.2V	13.5-16.5V	21.6-26.4V	26-32V	43.2-52.8V
VOLTAGE RANGE	85~132VAC/180-264VACauto switch 47~63Hz;255~370VDC							
AC CURRENT	2.4A/115V 1.2A/230V							
INRUSH CURRENT(MAX.)	cold inrushed current 30A/115V 60A/230V							
LEAKAGE CURRENT	<1mA/240VAC							
OVERLOAD PROTECTION	135%-165%TYPE : OUTPUT CUTOUT AC Restart							
OVERVOLTAGE PROTECTION								
OVERTEMPERATURE PROTECTION								
TEMP.COEFFICIENT	±0.03%/°C(0~50°C)							
SETUP.RISE,HOLD TIME	200ms,50ms,20ms							
VIBRATION	10~500Hz,2G 10min,/1cycle,60min,each axes							
WITHSTAND VOLTAGE	I/P-O/P:3KVACI/P-FG:1.5KVACI/P-FG:0.5KVAC							
ISOLATED RESISTOR	I/P-O/P,I/P-FG,I/P-FG:500VDC/100MΩ							
WORKING TEMP.HUMIDITY	-10°C~+60°C(REFER TO CHARACTER CURVE),20%~90RH							
STORAGE TEMP.HUMIDITY	-20°C~+85°C,10%~95%RH							
DIMENSION	199×98×38mm							
WEIGHT	0.65Kgs							
SAFETY STANDARDS	UL1012)							
EMC	FCCpart15J classB							

Note :

- 1.All parameters NOT specially mentioned are measured at 230VAC input ,rated load and 25 of ambient temperature.
- 2.Tolerance:includes set up tolerance,line regulation and load regulation
- 3.Ripple&noise are measured at 20MHZ of bandwidth by using a 12 twisted pair-wire terminated with a 0.1uF&47uF parallel capacitor.
- 4.line regulation:min&max voltage of the rated load.
- 5.load regulation:load from 0 to 100%.