

SP-600 Series

- Low price and high reliability
- 105°C output capacitor
- AC input power suitable for the world
- High efficiency and low operation temperature
- Soft-start current can reduce the AC input impact effectively
- With short-circuit and overload protection
- Compact size,light weight
- 100% full-load bun-in test
- Install with EMI filter,minimum wave



Model Specification	SP-600-12	SP-600-13.5	SP-600 -15	SP-600-24	SP-600-27	SP-600-48
DC output voltage	12V	13.5V	15V	24V	27V	48V
Output voltage range	±1%	±1%	±1%	±1%	±1%	±1%
Rated output current	50 A	44A	40A	25A	22A	12.5A
Output current range	0-50A	0-44A	0-40A	0-25A	0-22A	0-12.5A
Wave and noise	150mVp-p	150mVp-p	150mVp-p	150mVp-p	150mVp-p	150mVp-p
Inlet stability	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
Load stability	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
DC output power	600W	600W	600W	600W	600W	600W
Efficiency	84%	84%	85%	85.5%	86.5%	87%
Adjustable range for DC voltage	10 ~ 13.2%	12 ~ 15%	13.5 ~ 18%	20 ~ 26.4%	24 ~ 30%	41 ~ 56%
AC input voltage range	88 ~ 264VAC/ 47 ~ 63Hz, 124 ~ 370VDC					
Input current	7A/115V /3.5A/230V					
AC Inrush current	18A/115V 36A/230V					
Leakage current	<0.5mA/240VAC					
Overload protection	105%-150% Type: hiccups shutdown Reset: auto recovery					

Over-voltage protection	13.8 ~ 16.2V	15.5 ~ 18.2V	18 ~ 21V	27.6 ~ 32.4V	31 ~ 336.5V	57.6 ~ 67.2V
High-temperature protection	ERH3>=55°C Fan on, <=45°C-60°C Fan off, >=70°C, cutoff output(5-15V)					
Temperature coefficient	±0.03%/°C(0 ~ 50°C)					
Setup, rise, hold up time	1.5s 50ms 20ms					
Vibration	10 ~ 500Hz, 2G 10min,/1 cycle. Period for 60min,Each axes					
Withstand voltage	Input and output internal:1.5KvAC,Input and enclosure:1.5KvAC,Output and enclosure:0.5KvAC					
Isolation resistance	input and output internal: Input and enclosure,Output and enclosure:500VDC/100MΩ					
Working temperature and humidity	-10°C ~ +60°C , 20% ~ 90%RH					
Store temperature and humidity	-20°C ~ +85°C , 10% ~ 95%RH					
Overall dimension	247X147X63.5mm					
Weight	2.1kgs					
Safety standards	Meet UL 1012 requirement(Not apply for the mark)					
EMC standards	CISPR22(EN55022)、IEC1000-4,2,,3,4,5,6,8,11 IEC1000-3-2					

Size

