



100瓦单输出开关电源

100W SINGLE OUTPUT SWITCHING POWER SUPPLY



技术数据 Electrical Specifications

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	100mVp-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	70%	78%	80%	81%	81%	84%	84%	84%
Voltage Adjust 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/180-264VAC auto switch 47~63Hz; 255~370VDC							
Ac Current	2.4A/115V 1.2A/230V							
Inrush Current(Max.)	cold start current 30A/115V 60A/230V							
Leakage Current	<1mA/240VAC							
Overload Protection	135%-165%TYPE: OUTPUT CUTOFF AC Restart							
Over-voltage Protection								
Over-temperature 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	0.65kg							
Safety Standard	UL1012							
EMC	FCC part15J class B							

Note :

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

200瓦单输出开关电源

200W SINGLE OUTPUT SWITCHING POWER SUPPLY



技术数据 Electrical Specifications

Index Type	S-200-5	S-200-7.5	S-200-12	S-200-13.5	S-200-15	S-200-24	S-200-27	S-200-48
DC Voltage	5V	7.5V	12V	13.5V	15V	24V	27V	48V
Voltage Tolerance	±2%	±2%	±1%	±1%	±1%	±1%	±1%	±1%
Rated Current	40A	26.5A	16.5A	14.7A	13A	8.3A	7.4A	4.2A
Current Range	0-40A	0-26.5A	0-16.5A	0-14.7A	0-13A	0-8.3A	0-7.4A	0-4.2A
Ripple&Noise(Max.)	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%
Rated Power	200W	198.75W	198W	198.45W	198W	199.2W	199.8W	201.6W
Efficiency	74%	79%	80%	80%	81%	83%	83%	84%
Voltage Adjust Range	4.5-5.6V	6-9V	10-13.2V	12-15V	13.5-18V	20-26.4V	26-32V	41-56V
Voltage Range	90~132VAC/180-264VAC 47~63Hz; 255~370VDC							
AC Current	4.5A/115V 2.5A/230V							
Inrush Current(Max.)	25A/115V 50A/230V							
Leakage Current	<3.5mA/240VAC							
Overload Protection	105-145% TYPE: OUTPUT CUTOFF AC Restart							
Over-voltage Protection								
Over-temperature Protection								
Temp. Coefficient	±0.03%/°C (0~50°C)							
Setup. Rise, Hold Time	200ms, 100ms, 20ms							
Vibration	10~500Hz, 2G 10min./11cycle, 60min, each axes							
Withstand Voltage	I/P-O/P: 1.5KVACI/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 ~ +50°C, 20%~90RH							
Storage Temp. Humidity	-20°C ~ +85°C, 10%~95%RH							
Dimension	215 × 115 × 50mm							
Weight	0.9Kgs							
Safety Standards	UL1950							
EMC	FCC part1.5J class A							

Note :

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



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350W SINGLE OUTPUT SWITCHING POWER SUPPLY



技术数据 Electrical Specifications

Index Type	S-350-5	S-350-7.5	S-350-12	S-350-13.5	S-350-15	S-350-24	S-350-27	S-350-48
DC Voltage	5V	7.5V	12V	13.5V	15V	24V	27V	48V
Voltage Tolerance	±2%	±2%	±1%	±1%	±1%	±1%	±1%	±1%
Rated Current	50A	40A	29A	26A	23A	14.6A	13A	7.3A
Current Range	0-50A	0-40A	0-29A	0-26A	0-23A	0-14.6A	0-13A	0-7.3A
Ripple&Noise (Max.)	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%
Rated Power	250W	300W	348W	351W	348W	350.4W	351W	350.4W
Rated Power	74%	79%	74%	80%	78%	83%	83%	84%
Voltage Adjust Range	4.5-5.6V	6-9V	10-13.2V	12-15V	13.5-18V	20-26.4V	26-32V	41-56V
Voltage Range	90~132VAC/180-264VAC 47~63Hz; 255~370VDC							
AC Current	4.5A/115V 2.5A/230V							
Inrush Current (Max.)	25A/115V 50A/230V							
Leakage Current	<3.5mA/240VAC							
Overload Protection	105-145% TYPE: OUTPUT CUTOUT AC Restart							
Over-voltage Protection	115%-135%							
Over-temperature Protection	RTH3≥50°C FAN ON, ≤45°C FAN OFF, ≥80°C OUTPUT CUTOUT(5-15V) RTH3≥60°C FAN ON, ≤50°C FAN OFF, ≥85°C OUTPUT CUTOUT(24-48V)							
Temp. Coefficient	±0.03%/°C (0~50°C)							
Setup, Rise, Hold Time	200ms, 100ms, 20ms							
Vibration	10~500Hz, 2G 10min, /11cycle, 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 ~ +50°C, 20%~90RH							
Storage Temp. Humidity	-20°C ~ +85°C, 10%~95%RH							
Dimension	215 × 115 × 50mm							
Weight	0.9kg							
Safety Standards	UL1950							
EMC	FCCpart1.5J class A							

Note :

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

500瓦单输出开关电源

500W SINGLE OUTPUT SWITCHING POWER SUPPLY



技术数据 Electrical Specifications

Index Type	SP-500-12	SP-500-13.5	SP-500-15	SP-500-24	SP-500-27	SP-500-48
DC Voltage	12V	13.5V	15V	24V	27V	48V
Voltage Tolerance	±2%	±2%	±1%	±1%	±1%	±1%
Rated Current	40A	36A	32A	20A	18A	10A
Current Range	0-40A	0-36A	0-32A	0-20A	0-18A	0-10A
Ripple&Noise (Max.)	240mVp-p	240mVp-p	240mVp-p	240mVp-p	200mVp-p	300mVp-p
Line Regulation	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
Load Regulation	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
Rated Power	480W	486W	480W	480W	486W	480W
Efficiency	84%	84%	83%	85.5%	86.5%	87%
Voltage Adjust Range	10-13.2V	12-15V	13.5-18V	20-26.4V	24-30V	41-56V
Voltage Range	88~264VAC 47~63Hz; 124~370VDC					
AC Current	7A/115V 3.5A/230V					
Inrush Current (Max.)	18A/115V 36A/230V					
Leakage Current	<3.5mA/240VAC					
Overload Protection	105-135% TYPE: Current limitation auto recovery					
Over-voltage Protection	13.8-16.2V	15.5-18.2V	18-21V	27.6-32.4V	31-36.5V	57.6-67.2V
Over-temperature Protection	≥55°C FAN ON ≤45°C FAN OFF ≥70°C OUTPUT CUTOUT					
Temp. Coefficient	±0.03%/°C (0~50°C)					
Setup, Rise, Hold Time	1.5s, 50ms, 20ms					
Vibration	10~500Hz, 2G 10min, /11cycle, 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 ~ +50°C, 20%~90RH					
Storage Temp. Humidity	-20°C ~ +85°C, 10%~95%RH					
Dimension	185 × 120 × 93mm					
Weight	1.8kg					
Safety Standards	UL1950					
EMC	CISPR22(EN 55022) , IEC1000-4, 2, 3, 4, 5, 6, 8, 11 IEC1000-3-2					

Note :

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