

Category: S one output series → → SKS-120 DC/24V

- Low price, high reliability
- 105 °C output capacitors
- Global applicable input voltage AC
- Efficiency, low temperature
- Soft start current, effectively reduce the AC input impact
- Small size, light weight
- 100% full load and machine test
- Inside pack EMI filters, ripple minimum



model	S-120-3	S-120-5	S-120-7.5	S-120-12	S-120-15	S-120-24	S-120-27	S-120-48
Dc output voltage	3V	5V	7.5V	12V	15V	24V	27V	48V
Output voltage tolerance	±2%	±2%	±1%	±1%	±1%	±1%	±1%	±1%
Rated output current	22A	22A	16A	10A	8A	5A	4.4A	2.2A
Output current range	0-20A	0-20A	0-13.6A	0-8.5A	0-6.7A	0-4.5A	0-3.7A	0-2A
Ripple and the noise	100mVp-p	75mVp-p	100mVp-p	100mVp-p	100mVp-p	100mVp-p	100mVp-p	100mVp-p
Into line stability	±0.5%	±0.5%	±0.5%	±0.3%	±0.3%	±0.2%	±0.2%	±0.2%
Load stability	±0.5%	±1%	±0.5%	±0.3%	±0.3%	±0.2%	±0.2%	±0.2%
Dc power output	66W	120W	120W	120W	120W	120W	119W	120W
efficiency	70%	78%	80%	81%	81%	84%	84%	84%
Dc voltage adjustable scope	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
Input voltage range	85~132VAC/180~264VAC Switch choice 47~63Hz;255-370VDC							
Input current	2.4A/115V 1.2A/230V							

Impulse current	Cold start current 30A/115V 60A/230V
Leakage current	<1mA/240VAC
Overload protection	Type: cut off output automatic reset: recovery
Overvoltage protection
High temperature protection
Temperature coefficient	$\pm 0.03\% ^\circ\text{C} (0 \sim 50^\circ\text{C})$
Start, rise, keep time	200ms,100ms,30ms
Vibrate resistance	10~500Hz,2G 10min./1 cycle time, 60 points, the axis
Compression sex	Input/output: 1.5 KVAC, between input shell: 1.5 KVAC, output shell: 0.5 KVAC
Isolating resistor	Between the input and output, the input and output and the shell, shell 500VAC/100M Ohms
Working temperature, humidity	$-10^\circ\text{C} \sim +60^\circ\text{C}$, 20%~90%RH
Storage temperature, temperature	$-20^\circ\text{C} \sim +85^\circ\text{C}$, 10%~95RH
Shape dimension	199*98*38mm
weight	0.66Kgs
Safety standards	Meet the UL1012 requirements
EMC standard	Meet the FCC part 15 J condition grade B
Note: 1, the above parameters test conditions for: 230 VAC input, rated load, 25 °C, humidity 70% RH.	

- 2, tolerance: include setting tolerance, the line stability, load stability (note 5).
- 3, ripple test: 20 MHz with A12 "twisted pair, the interrupt with 0.1 uF and 47 uF capacitor short circuit.
- 4, into line voltage stability test: full load into line voltage to the lowest highest voltage.
- 5, load stability test: the load from 0% to 100%.

