

## S-100、120 Series



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

Specification	Modle	S-100-12	S-100-24	S-120-12	S-120-24
DC output voltage		12V	24V	12V	24V
Output voltage range(Note:2)		± 1%	± 1%	± 1%	± 1%
Rated output current		8.5A	4.5A	10A	5A
Output current range		0-8.5A	0-4.5A	0-10A	0-5A
Wave and noise(Note:3)		100mVp-p	100mVp-p	100mVp-p	100mVp-p
Inlet stability(Note:4)		± 0.3%	± 0.2%	± 0.3%	± 0.2%
Load stability(Note:5)		± 0.3%	± 0.2%	± 0.3%	± 0.2%
Dc output power		102W	108W	120W	119W
Efficiency		81%	84%	81%	84%
Adjustable range for DC voltage		10.8-13.2V	21.6-26.4V	10.8-13.2V	21.6-26.4V
AC input voltage range		85-132VAC/170-264VACselected by switch 47-63Hz;240-370VDC			
Input current		2.4A/115V 1.2A/230V			
AC Inrush current		Cold-star current 30A/115V 60A/230V			
Leakage current		<1mA/240VAC			
Overload protection		105%-150%			
Over-voltage protection		Type:pulsing hiccup shutdown Reset:Recycle AC ON/OFF			
High-temperature protection		.....			
Temperature coefficient		± 0.03%°C(0-50 °C)			
Setup,rise,hold up time		200ms,100ms,30ms			
Vibration		10-500Hz,2G 10min,/1cycle,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/100M Ω			
Working temperature and humidity		-10°C +60°C , 20%-90%RH -10°C +60°C (Refer to output derating curve),20%-90%RH			
Store temperature and humidity		-20°C +85°C ,10%-95%RH			
Overall dimension		199× 98× 38mm			
Weight		0.65Kgs			
Safety standards		Meet UL1012 requirement(Not apply for the mark)			
EMC standards		Meet FCC part 15 J Conduction class B			
OTHER		OUTPUT VOLTAGE:DC5V 7.5CV15V 48V ORDER ACCORDING TO YOUR NEEDS			

Note:1.The testing condition for the paramenter above is:230VAC input,rated load,25°C 70% RH.Temperature.  
 2.Error:include the setting error,line stability and load stability.(Note:5).  
 3.Wave test:adopting "A12"double wire for 20MHz,and 0.1UF&47UF capacitor short-circuit for interrupting.  
 4.Inlet voltage stability test:when is over load,the lowest voltage of inlet is up to the highest voltage.  
 5.Load stability test:The load is from 0% to 100%.