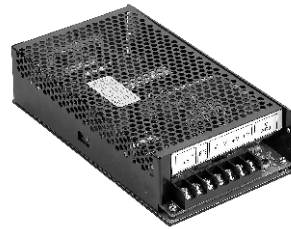


S-145、150 Series



- 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-145-12	S-145-24	S-150-12	S-150-24
DC output voltage		12V	24V	12V	24V
Output voltage range(Note:2)		± 1%	± 1%	± 1%	± 1%
Rated output current		12A	6A	12.5A	6.5A
Output current range		0-12A	0-6A	0-12.5A	0-6.5A
Wave and noise(Note:3)		100mVp-p	100mVp-p	180mVp-p	240mVp-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		144W	144W	150W	156W
Efficiency		80.5%	83.5%	82%	85%
Adjustable range for DC voltage		10.8-13.2V	21-28V	10.6-13.2V	21-28V
AC input voltage range		85-132VAC/170-264VACselected by switch 47-63Hz;240-370VDC			
Input current		3.2A/115V 1.6A/230V			
AC Inrush current		Cold-star current 18A/115V 36A/230V			
Leakage current		<1mA/240VAC			
Overload protection		105%-150% Type:pulsing hiccup shutdown Reset:auto recovery			
Overl-voltage protection				115%-135%
High-temperature protection				
Temperature coefficient		± 0.03%℃ (0-50℃)			
Setup,rise,hold up time		100ms,50ms,20ms			
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 enclosure,Output and enclosure:500VDC/100MΩ			
Working temperature and humidity		-10℃-+60℃, 20%-90%RH -10℃-+60℃ (Refer to output derating curve),20%-90%RH			
Store temperature and humidity		-20℃ -+85℃,10%-95%RH			
Overall dimension		199×98×38mm		199×98×38mm	199×110×50mm
Weight		0.7Kgs			
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℃ 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%.