



**Technical Data**

Index Type	S-50-5	S-50-12	S-50-15	S-50-24
DC Voltage	5V	12V	15V	24V
Voltage Tolerance	±2%	±1%	±1%	±1%
Rated Current	10A	4.2A	3.4A	2.1A
Current Range	10A	4.2A	3.4A	2.1A
Ripple&Noise(Max.)	75mVp-p	100mVp-p	100mVp-p	100mVp-p
Line Regulation	±0.5%	±0.5%	±0.5%	±0.5%
Load Regulation	±1%	±0.5%	±0.5%	±0.5%
Rated Power	50W	50.42W	51W	50.4W
Efficiency	71%	78%	78%	82%
Voltage Adjust Range	+10 -5%	±10%	±10%	±10%
Voltage Range	85~132VAC/170-264VAC auto switch 47~63Hz; 240~370VDC			
AC Current	1.3A/115V 0.65A/230V			
Inrush Current(Max.)	cold start current 18A/115V 36A/230V			
Leakage Current	<0.5mA/240VAC			
Overload Protection	105%~150%TYPE: Current limitation auto recovery			
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: 3KVAC I/P-FG: 1.5KVAC I/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	159×97×38mm			
Weight	0.5Kgs			
Safety Standards	UL1012			
EMC standards	FCC PART15J class B			

**Note:**

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