

60W Single Output Switching Power Supply



Technical Data

Index Type	S-60-5	S-60-12	S-60-15	S-60-24
DC Voltage	5V	12V	15V	24V
Voltage Tolerance	±2%	±1%	±1%	±1%
Rated Current	12A	5A	4A	2.5A
Current Range	0-12A	0-5A	0-4A	0-2.5A
Ripple&Noise(Max.)	120mVp-p	120mVp-p	150mVp-p	150mVp-p
Line Regulation	±0.5%	±0.5%	±0.5%	±0.5%
Load Regulation	±1%	±0.5%	±0.5%	±0.5%
Rated Power	60W	60W	60W	60W
Efficiency	73%	76%	77%	79%
Voltage Adjust Range	+10 -5%	±10%	±10%	±10%
Voltage Range	85~264VAC 47~63Hz; 120~370VDC			
AC Current	2A/115V1A/230V			
Inrush Current(Max.)	cold start current 30A/115V60A/230V			
Leakage Current	<3.5mA/240VAC			
Overload Protection	105%~150%TYPE: OUTPUT CUTOFF AUTO RECOVERY			
Over-voltage Protection	115%-135%			
Over-temperature Protection			
Temp.Coefficient	±0.03%/°C(0~50°C)			
Setup,Rise,Hold Time	800ms,50ms,10ms/115VAC 300ms,50ms,80ms/230VAC			
Vibration	10~500Hz,2G10min,/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	159×97×38mm			
Weight	0.55Kgs			
Safety Standards	UL1012 TUV 60950(IEC950,UL1950)			
EMC	CLSPR22(55022),IEC801-2,3,4,IEC555-2			

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%.