

# 50W Single Output Switching Power Supply



### Features:

- High efficiency, high reliability, low cost
- AC input range selected by switch
- Protections: Short circuit/Over load
- LED indicator for power on
- Fixed switching frequency at 27KHz
- Cooling by free air convection
- 1 year warranty
- Dimension: 159×97×38mm(L×W×H)

### Technical Parameter

Model		S-50-5	S-50-12	S-50-15	S-50-24	S-50-48
Output	DC Voltage	5V	12V	15V	24V	48V
	Voltage Tolerance	±2%	±1%	±1%	±1%	±1%
	Rated Current	10A	4.2A	3.4A	2.1A	1A
	Current Range	0-10A	0-4.2A	0-3.4A	0-2.1A	0-1A
	Rated Power	50W	50.4W	51W	50.4W	48W
	Ripple & Noise	75mVp-p	100mVp-p	100mVp-p	100mVp-p	100mVp-p
	DC Voltage Adj.Range	+10,-5%	±10%	±10%	±10%	±10%
Setup, Rise, Hold time		200ms,100ms,20ms at full load				
Input	Voltage Range	85~132 VAC/170~264VAC selected by switch, 240~370VDC; 47~63 Hz				
	AC Current	1.3A/115 VAC 0.65A/230 VAC				
	Efficiency	71%	78%	78%	82%	84%
	Inrush Current	Cold start 18A/115V 36A/230V				
	Leakage Current	<1 mA/240VAC				
Protection	Over Load	110%~160% Protection type: Fold back current limiting, recovers automatically after fault condition is removed				
Environment	Working Temp. & Humidity	-10°C ~+60°C ; 20%~90 %RH				
	Storage Temp. & Humidity	-20°C ~+85°C ; 10%~95 %RH				
	Vibration	10~500Hz, 2G 10min./1 cycle, period for 60min, each along X.Y.Z axes				
Safety	Withstand Voltage	I/P-O/P: 1.5KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC				
	Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG: 100MΩ/500VDC				
Standards	Safety Standards	Design refer to UL1012				
	EMC Standards	Design refer to FCC part 15 J conduction class B				
Others	Weight	0.51Kg				
	Packing	30pcs/16Kg/0.86CUFT				

### Outline and Installation Dimension

