

150W Single Output Switching Power Supply



Features:

- High efficiency, high reliability
- AC input range selected by switch
- Protections: Short circuit/Over load/Over voltage
- Fixed switching frequency at 25KHz
- 100% full load burn-in test
- Cooling by free air convection
- 2 years warranty
- Dimension: 199×110×50mm(L×W×H)

Technical Parameter

Model		S-150 -5	S-150 -9	S-150 -12	S-150 -13.5	S-150 -15	S-150 -24	S-150 -27	S-150 -48	
Output	DC Voltage	5V	9V	12V	13.5V	15V	24V	27V	48V	
	Voltage Tolerance	±2%	±1%	±1%	±1%	±1%	±1%	±1%	±1%	
	Rated Current	30A	16.7A	12.5A	11.2A	10A	6.5A	5.6A	3.2A	
	Current Range	0-30A	0-16.7A	0-12.5A	0-11.2A	0-10A	0-6.5A	0-5.6A	0-3.2A	
	Rated Power	150W	150.3W	150W	151.2W	150W	156W	151.2W	153.6W	
	Ripple & Noise	150mVp-p	180mVp-p	180mVp-p	180mVp-p	180mVp-p	240mVp-p	240mVp-p	240mVp-p	
	DC Voltage Adj. Range	±10%	-12%,+15%	-12%,+10%	-12%,+11%	±10%	-12%,+16%	-12%,+11%	±10%	
	Setup, Rise, Hold time	100ms,50ms,20ms at full load								
Input	Voltage Range	88~132 VAC/176~264VAC selected by switch, 248~370VDC; 47~63Hz								
	AC Current	3.2A/115 VAC 1.6A/ 230 VAC								
	Efficiency	78%	80%	82%	83%	84%	85%	86%	87%	
	Inrush Current	Cold start 35A/230VAC								
	Leakage Current	<3.5mA/240VAC								
Protection	Over Load	110%~160% Protection type: Shut down o/p voltage, re-power on to recover								
	Over Voltage	115%~135% Protection type: Shut down o/p voltage, re-power on to recover								
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./1cycle, period for 60min, each along X.Y.Z axes								
Safety	Withstand Voltage	I/P-O/P: 3KVAC 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, UL1950, TUV EN60950								
	EMC Standards	Design refer to EN55022, EN61000-3-2,-3, EN61000-4-2, 3, 4, 5,6,8,11;ENV50204,En55024								
Others	Weight	0.8Kg								
	Packing	14pcs/13.8Kg/0.95CUFT								

Outline and Installation Dimension

