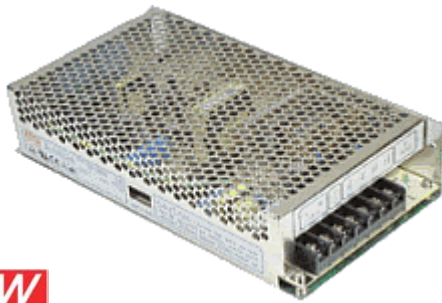




150 W

150 W Single output Switching power supply

MW S150 series**Features :**

- . AC input range selected by switch
- . Protection : short circuit / over load / over voltage
- . Approvals : UL / TUV / CB / CE
- . Free air cooling convection
- . Fix switching frequency at 25KHz
- . 100% full load burn-in test

2 years warranty



Model	S150-5	S150-7.5	S150-9	S150-12	S150-13.5	S150-15	S150-24	S150-27	S150-48
DC output voltage	5V	7.5V	9V	12V	13.5V	15V	24V	27V	48V
Output voltage tolerance	±2%	±1%	±1%	±1%	±1%	±1%	±1%	±1%	±1%
Output rated current	30A	20A	16.7A	12.5A	11.2A	10A	6.5A	5.6A	3.2A
Output current range	0~30	0~20	0~16.7	0~12.5	0~11.2	0~10	0~6.5	0~5.6	0~3.2
Ripple & noise	150mV	150mV	180mV	180mV	180mV	180mV	240mV	240mV	240mV
Line regulation	±0.5%	±0.5%	±0.3%	±0.3%	±0.3%	±0.3%	±0.2%	±0.2%	±0.2%
Load regulation	±0.5%	±0.5%	±0.3%	±0.3%	±0.3%	±0.3%	±0.2%	±0.2%	±0.2%
DC output power	150W	150W	150.3W	150W	151.2W	150W	156W	151.2W	153.6W
Efficiency	78%	80%	80%	82%	83%	84%	85%	86%	87%
DC voltage adjustment (V)	4.5~5.5	6~8.3	8~10.4	10.6~13.2	12~15	13.5~16.5	21~28	24~30	43~53
Input voltage range	88~132VAC / 176~264VAC selected by switch ; 47~63Hz ; 248~370 VDC								
AC current	3.2A / 115 V ; 1.6A 230 V								
Inrush current	Cold start 35A								
Leakage current	<3.5mA/240VAC								
Over-load protection	105~150% Type : output shutdown Rest : recycle on/off								
Over-voltage protection	115~135%						125~145%	115~135%	
Temperature coefficient	±0.03% /°C (0°~50°C)								
Set-up, Rise, Hold-up time	100ms, 50ms, 20ms								
Vibration	10~500Hz, 2G 10min./1cycle, period for 60min. Each axes								
Withstand voltage	I/P-O/P: 3KVACVAC I/P-FG: 1.5 KVAC ; O/P-FG : 0.5 KVAC								
Isolation resistance	I/P-O/P, I/P-FG, O/P-FG : 500 VDC /100MΩ								
Working temp. & humidity	-10°C~+60°C (refer to output derating curve) 20~90% R.H.								
Storage temp. & humidity	-20°C~+85°C, 10%~95% R.H. (non-condensing)								
Dimensions	199 x 110 x 50 mm (Length x Width x Height) case 906								
Weight	800 gr								
Safety standards	UL1950, TUV EN60950 approved								
EMC standards	CISPR22 (EN55022), IEC1000-4-2,3,4,5 ; IEC1000-3-2 verification								

Notes:

- All parameters are specified at 230VAC input, rated load, 25°C & 70% R.H. ambient.
- Tolerance include setup tolerance, line regulation, load regulation.
- Ripple & Noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1yF & 47uF capacitor.
- Line regulation is measured from low line to high line at rated load.
- Load regulation is measured from 0% to 100% rated load

