



Features:

Had 170 ~ 264 VAC input voltage range

Had small volume, light weight, high efficiency

Characteristics: short circuit protection miscalculates/overload

Had natural cooling

With that took on light emitting diode (led)

1 0, 0% had burned machine full load test

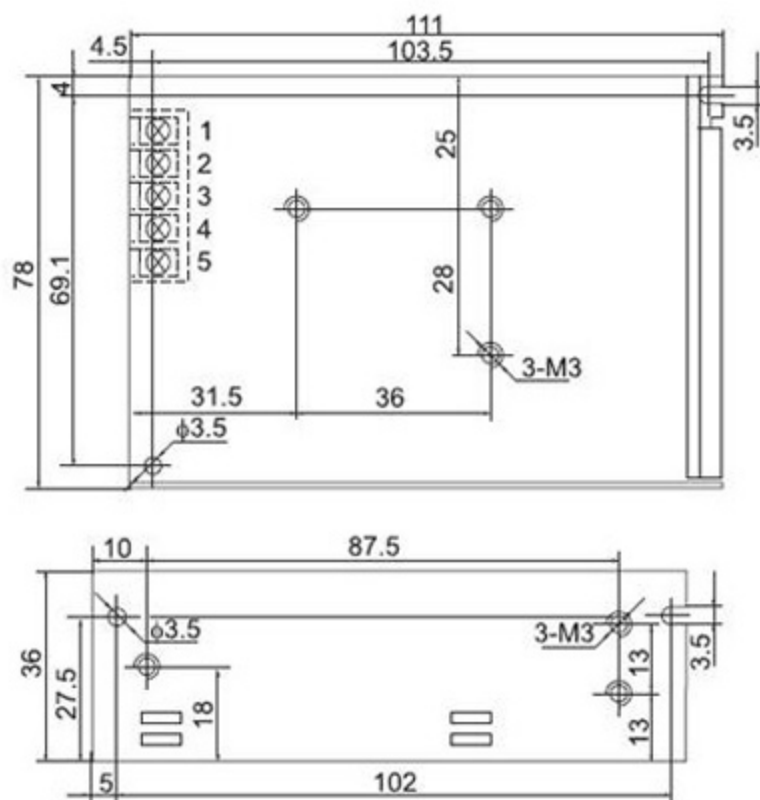
1 years had quality guarantee

Size: had 111 x 78 x 36 m

model		MS-60-12	MS-60-15	MS-60-24
output	Dc output voltage	12V	15V	24V
	Output voltage tolerance	± 1%	± 1%	± 1%
	Rated output current	5A	4A	2.5A
	Output current range	0~5A	0~4A	0~2.5A
	Output power	60W	60W	60W
	Ripple and the noise	100mVp-p	120mVp-p	120mVp-p
	Dc voltage adjustable scope	-9%~+10%	± 10%	± 10%
	Start, rise, keep time	600ms,30ms,20ms/230VAC		
input	Input voltage range	170~264VAC 47~63Hz，235~373VDC		
	Exchange input current	0.8A/230VAC		
	efficiency	82%	82%	84%
	Impulse current	Cold start current 30A/230VAC		
	Leakage current	< 1mA/240VAC		
Protection characteristics	Overload protection	Protection way: hiccups mode, load abnormal conditions can be removed recovery		
environment	Working temperature, humidity	-10℃~+60℃;20%~90%RH(Please refer to reduce the specified number load curve)		
	Keep temperature, humidity	-20℃~+85℃;10%~95%RH No condensation		
	Vibrate resistance	10~500Hz，2G 10min./ 1 cycle time, 60 minutes, the axis		
security	Compression sex	Input/output: 1.5 KVAC input and between to KVAC output and the earth: 1.5:0.5 KVAC		
	Insulation resistance	Between the input and output, the output and input: with ground: 100M Ohms/500VDC		
standards	Safety standards	Accord with UL1012		
	EMC standard	Accord with EN55022，CLASSA		
other	weight	0.27kg 111*78*36（L*W*H）		
	packaging	0.27kg/50pcs/14.5kg/0.9CUFT		
note	1. All the parameters in has not specified, all is in 230V voltage input, AC rated load and 25℃ conditions measuring income value. 2. Ripple and noise voltage is in 20MHz bandwidth with 1 to 2 inches oscilloscope twisted pair end and 0.1mu and 47muon capacitance measurement when. 3. Tolerance is voltage setting error, the voltage adjustment rate and adjust the sum total of the current rate.			

机构尺寸

单位:mm

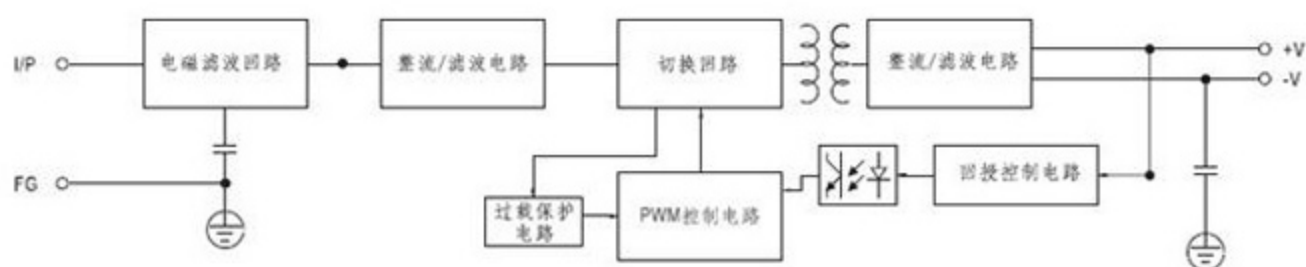


端子Pin脚分配

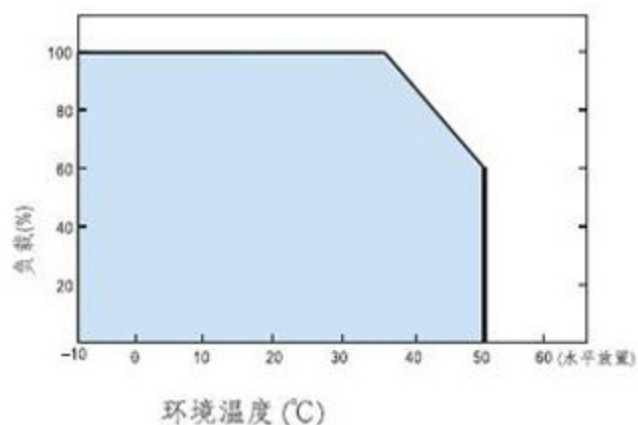
Pin脚编号	分配	Pin脚编号	分配
1	AC/L	4	DC OUTPUT -V
2	AC/N	5	DC OUTPUT +V
3	FG 地		

原理图

频率: 65KHz



负载减额曲线



静态特性曲线

