

40W Single Output Switching Power Supply



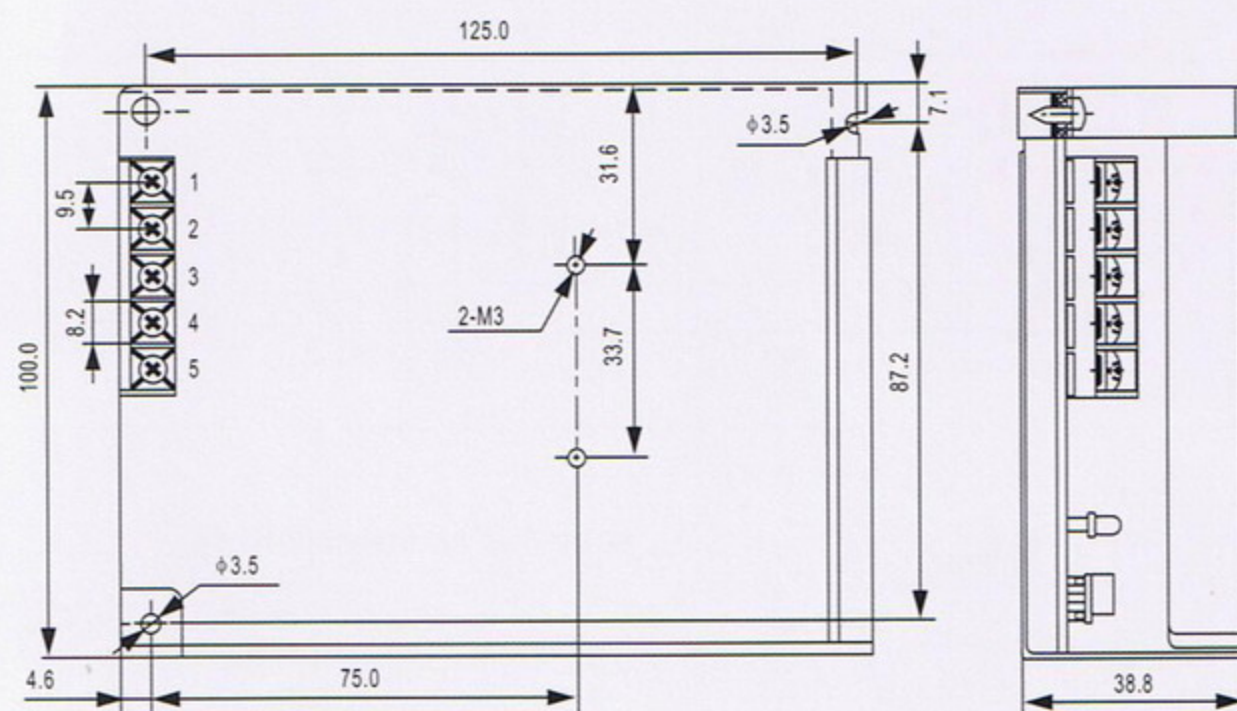
Features:

- High efficiency, high reliability, low cost
- AC input range selected by switch
- Protections: Short circuit/Over load
- LED indicator for power on
- Fixed switch frequency at 37KHz
- Cooling by free air convection
- 1 year warranty
- Dimension: 129×98×38mm(L×W×H)

Technical Parameter

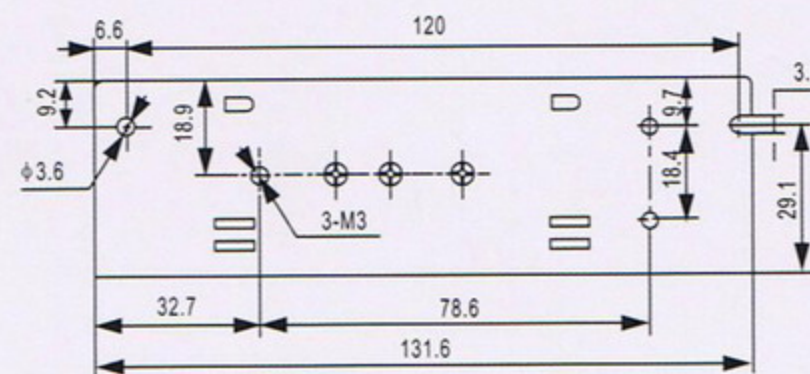
Model		S-40-5	S-40-9	S-40-12	S-40-15	S-40-24
Output	DC Voltage	5V	9V	12V	15V	24V
	Voltage Tolerance	±2%	±1%	±1%	±1%	±1%
	Rated Current	8 A	4.4A	3.5A	2.8A	1.8A
	Current Range	0-8A	0-4.4A	0-3.5A	0-2.8A	0-1.8A
	Rated Power	40W	41W	42W	42W	43W
	Ripple & Noise	75mVp-p	100mVp-p	100mVp-p	100mVp-p	100mVp-p
	DC Voltage Adj. Range	+10,-5%	±10%	±10%	±10%	±10%
Setup, Rise, Hold time		200ms,100ms,30ms at full load				
Input	Voltage Range	85~132 VAC/170~264VAC selected by switch, 240~370VDC; 47~63 Hz				
	AC Current	0.8 A/115 VAC 0.45A/ 230 VAC				
	Efficiency	70%	72%	76%	78%	78%
	Inrush Current	Cold start 18A/115V 36A/230V				
	Leakage Current	<2mA/240VAC				
Protection	Over Load	110%~160%				
		Protection type: Fold back current limiting, recovers automatically after fault condition is removed.				
Environment	Working Temp. & Humidity	-10℃~+60℃; 20%~90 %RH				
	Storage Temp. & Humidity	-20℃~+85℃; 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	0.44Kg				
	Packing	45pcs/18.5Kg/1.22CUFT				

Outline and Installation Dimension

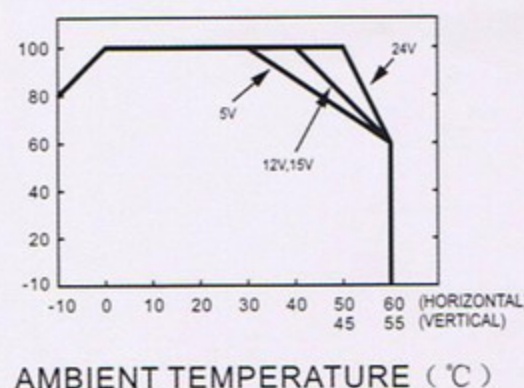


Terminal Pin No. Assignment

Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4	DC OUTPUT -V
2	AC/N	5	DC OUTPUT +V
3	FG		



Derating Curve



Static Characteristics(24V)

