

**35W Single Output  
Switching Power Supply**



GS-35...

**Feature**

- High efficiency, high reliability, lost cost
- AC input range selected by switch, 240-370VDC;
- Protections: Short circuit / Over load
- LED indicator for power on
- Fixed switching frequency at 37KHz
- Cooling by free air convection
- 1 year warranty
- Dimensions: 129\*98\*38mm (L\*W\*H)

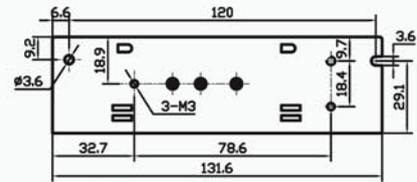
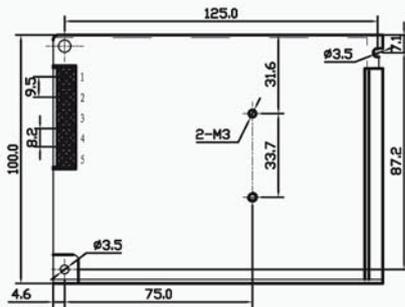
**Notes:**

- All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
- Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair wire terminated with a 0.1µf & 47µf parallel capacitor.
- Tolerance: includes set up tolerance, line regulation and load regulation

Model	GS-35-5	GS-35-9	GS-35-12	GS-35-15	GS-35-24	
Output	DC Voltage	5V	9V	12V	15V	24V
	Voltage Tolerance	±2%	±1%	±1%	±1%	±1%
	Rated Current	7A	3.6A	3A	2.4A	1.5A
	Current Range	0-7A	0-3.6A	0-3A	0-2.4A	0-1.5A
	Rated Power	35W	32.4W	36W	36W	36W
	Ripple & Noise	75 mVp-p	100 mVp-p	100 mVp-p	100 mVp-p	100 mVp-p
	DC Voltage adi. Range	-5%,+10%	±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 V 0.45A/ 230 V				
	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				
	Working Temp., Humidity	-10°C~+60°C; 20%~90 %RH				
Environment	Storage Temp., Humidity	-20°C~+85°C; 10%~95 %RH				
	Vibration	10~500Hz, 2G 10min./1cycl, period for 60 min,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: 100M /500VDC				
Standards	Safety Standard	Design refer to UL1012				
	EMC Standard	Design refer to FCC Part 15 J Conduction Class B				
Others	Weight	0.41Kg				
	Packing	45pcs/18.5Kg/1.22CUFT				

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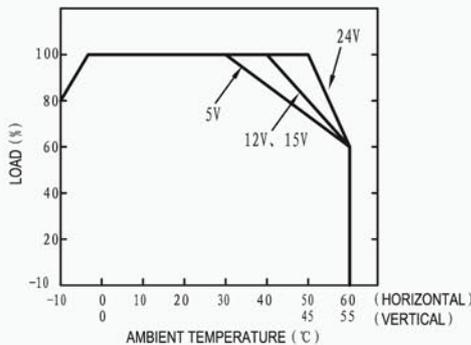
**Outline and dimension**



Terminal Pin No. Assignment

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

**Derating Curve**



**Static Characteristics(24V)**

