



**Features :**

- . Low cost, High reliability
- . 105°C output capacitor
- . International AC input range
- . High efficiency, Low working temperature
- . Soft-start circuit, Limiting AC surge current
- . Short circuit, Overload protected
- . Compact size, Light weight
- . 100% full load burn-in test
- . Built in EMI filter, Low ripple noise

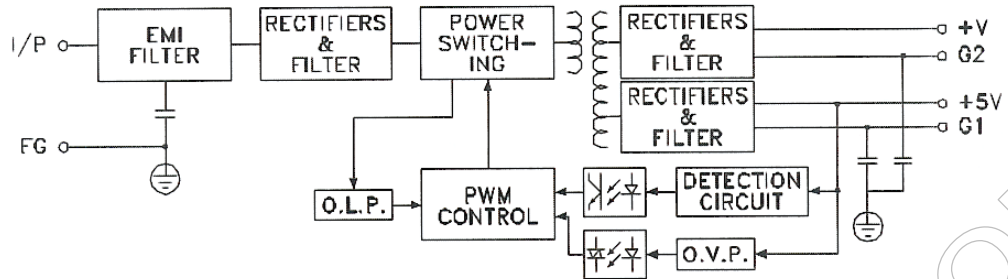
. ISO 9001 certified manufacturer



Specification	Model	ID-60B	
		CH1	CH2
DC output voltage		5V	24V
Output voltage tolerance		±2%	±8%
Output rated current		3A	1.8A
Output current range		0.3 - 6A	0.2 - 2.2A
Ripple & noise		100mVp-p	240mVp-p
Line regulation		±0.5%	±1%
Load regulation		±0.5%	±5%
DC output power		58W	
Efficiency		76%	
DC voltage adjustment		CH1: +10, -5 %	
Input voltage range		85~264VAC 47~63Hz ; 120~370VDC	
AC current		2A/115V ; 1A/230V	
Inrush current		Cold start 25A/115V ; 50A/230V	
Leakage current		<1mA/240VAC	
Over-load protection		105%~150% type : pulsing hiccup shutdown. Rest : auto-recovery	
Over-voltage protection		CH1: 5.75~6.75V	
Over-temperature protection		.....	
Temperature coefficient		±0.03% /°C (0°~50°C) on +5V output	
Set-up, Rise, Hold-up time		800ms, 50ms, 10ms,/115VAC ; 300ms, 50ms, 80ms /230VAC	
Vibration		10~500Hz, 2G 10min./1cycle, period for 60min. Each axes	
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: 500VDC / 100MΩ	
Working temp. & humidity		-10°C~60°C, 20%~90% R.H. (-10°C 80% load, 60°C 60% load )	
Storage temp. & humidity		-20°C~+85°C, 10%~95% R.H. ( non-condensing )	
Dimensions		159 x 97 x 38 mm ( Case 901 )	
Weight		0.55 Kg	
Safety standards		Meet UL1012, TUV EN60950 (IEC950, UL1950)	
EMC standards		Meet CISPR22 (EN55022) class B, IEC801-2,3,4, IEC555-2	

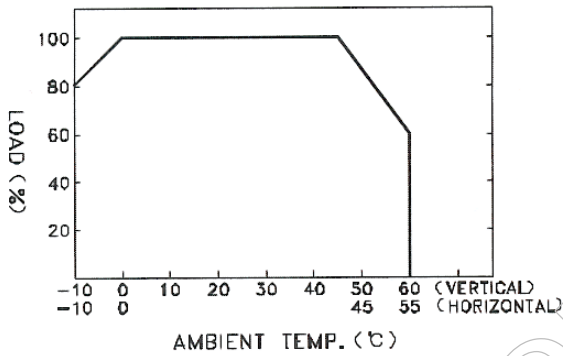
Notes:  
 -All parameters are specified at 230VAC input, rated load, 25°C & 70% R.H. ambient.  
 - Tolerance include set up tolerance, line regulation, load regulation  
 - Ripple & Noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1yF & 47uF capacitor.  
 - Line regulation is measured from low line to high line at rated load  
 - Load regulation is measured from 20% to 100% rated load, and other output at 60% rated load  
 - Each output provide up to maximum current, but total load cannot exceed max. output power

**BLOCK DIAGRAM**

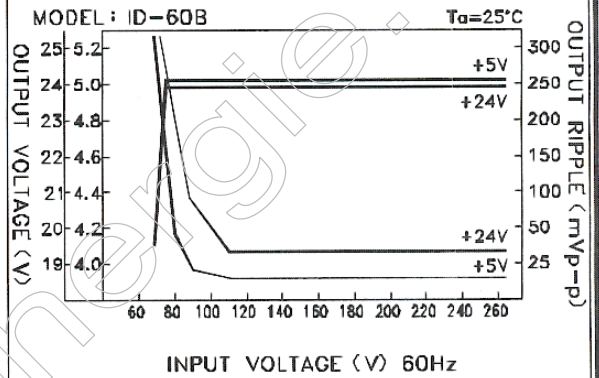


fosc : 54KHz

**OUTPUT DERATING**



**STATIC CHARACTERISTICS**



**DIMENSION (mm)**

- ☒ CASE : 901
- ☒ TERMINAL PIN NO. ASSIGNMENT
- ☒ PIN 1,2 : AC INPUT
- ☒ PIN 3 : FG
- ☒ PIN 4 : DC OUTPUT +V
- ☒ PIN 5 : DC OUTPUT G2
- ☒ PIN 6 : DC OUTPUT +5V
- ☒ PIN 7 : DC OUTPUT G1

