



Features :

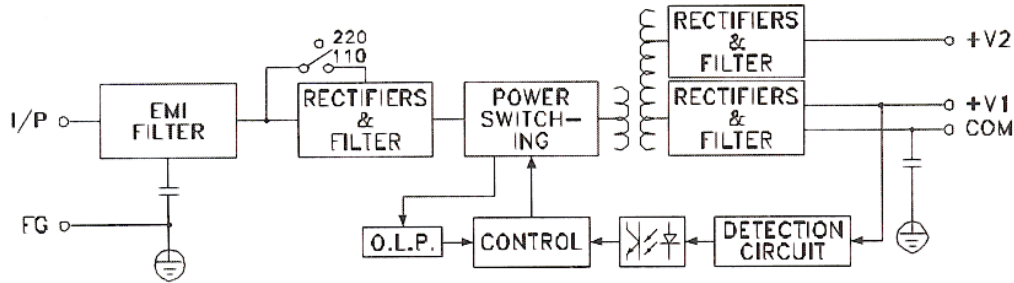
- . Low cost, High reliability
- . 105°C output capacitor
- . International AC input range
- . High efficiency, Low working temperature
- . Soft-start circuit, Limiting AC surge current
- . Short circuit, Overload protected
- . Compact size, Light weight
- . 100% full load burn-in test
- . Built in EMI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

. ISO 9001 certified manufacturer

SPECIFICATION	D-50A		D-50B	
	CH1	CH2	CH1	CH2
DC OUTPUT VOLTAGE	5V	12V	5V	24V
OUTPUT V. TOLERANCE	±2%	+5,-8%	±2%	±8%
OUTPUT RATED CURRENT	6A	2A	6A	1A
OUTPUT CURRENT RANGE	1-6A	0.3-2A	1-6A	0.2-1A
RIPPLE & NOISE	50mVp-p	100mVp-p	50mVp-p	100mVp-p
LINE REGULATION	±0.5%	±1%	±0.5%	±1%
LOAD REGULATION	±0.5%	±5%	±0.5%	±8%
DC OUTPUT POWER	54W		54W	
EFFICIENCY	73%		73%	
DC VOLTAGE ADJ.	CH1:±10,-5%		CH1:±10,-5%	
INPUT VOLTAGE RANGE	85~132VAC / 170~264VAC SELECTED BY SWITCH 47~63Hz, 240~370VDC			
AC CURRENT	1.3A/115V 0.65A/230V			
INRUSH CURRENT	COLD START 18A/115V 36A/230V			
LEAKAGE CURRENT	<0.5mA/240VAC			
OVERLOAD PROTECTION	105%~150% TYPE:FOLDBACK CURRENT LIMITING RESET:AUTO RECOVERY			
OVER VOLTAGE PROTECTION	-----			
OVER TEMP. PROTECTION	-----			
TEMP. COEFFICIENT	±0.03% / °C (0~50°C) ON +5V OUTPUT			
SETUP, RISE, HOLD UP TIME	200ms, 50ms, 20ms			
VIBRATION	10~500Hz, 2G 10min./cycle, PERIOD FOR 60min. EACH AXES			
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:500VDC / 100M Ohms			
WORKING TEMP., HUMIDITY	10°C~+60°C(REFER TO OUTPUT DERATING CURVE), 20%~90% RH			
STORAGE TEMP., HUMIDITY	-20°C~+85°C, 10%~95% RH			
DIMENSION	159*97*38mm CASE:901			
WEIGHT	0.52Kgs			
SAFETY STANDARDS	MEET UL1012 REQUIREMENT (NOT APPLY FOR THE MARK)			
EMC STANDARDS	-----			
NOTE	1.ALL PARAMETERS ARE SPECIFIED AT 230VAC INPUT, RATED LOAD, 25°C 70% RH AMBIENT. 2.TOLERANCE INCLUDE SET UP TOLERANCE, LINE REGULATION, LOAD REGULATION. 3.RIPPLE & NOISE ARE MEASURED AT 20MHZ BY USING A 12" TWISTED PAIR TERMINATED WITH A 0.1uF & 47uF CAPACITOR 4.LINE REGULATION IS MEASURED FROM LOW LINE TO HIGH LINE AT RATED LOAD. 5.LOAD REGULATION IS MEASURED FROM 20% TO 100% RATED LOAD, AND OTHER OUTPUT AT 60% RATED LOAD. 6.EACH OUTPUT PROVIDE UP TO MAXIMUM CURRENT, BUT TOTAL LOAD CAN NOT EXCEED MAX. OUTPUT POWER.			

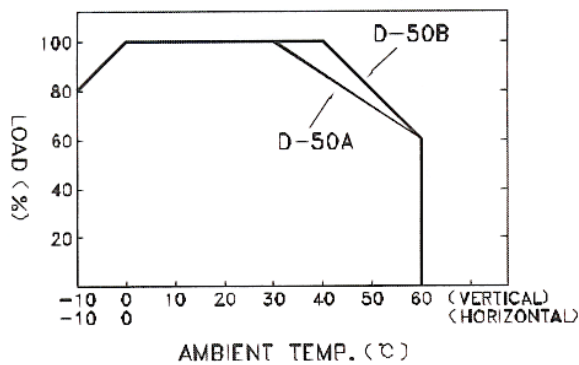
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BLOCK DIAGRAM

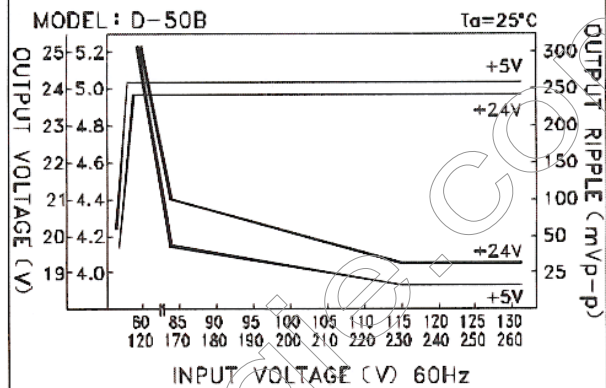


fosc : 24KHz I/P-O/P:RATED

OUTPUT DERATING



STATIC CHARACTERISTICS



DIMENSION (mm)

- ☒ CASE : 901
- ☒ TERMINAL PIN NO. ASSIGNMENT
- ☒ PIN 1,2 : AC INPUT
- ☒ PIN 3 : FG ⊕
- ☒ PIN 4 : DC OUTPUT +V2
- ☒ PIN 5,6 : DC OUTPUT COM
- ☒ PIN 7 : DC OUTPUT +V1

