



SUNPOWER TECHNOLOGY CORP.  
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# SPL-055-D1/ SPL-075-D1

55W / 75W, Dual Output

Open Frame Power Supply  
 For LCD Panel PC



177 x 50.8 x 39.5 mm  
 6.97 x 2.00 x 1.46 inch



## Features:

Light weight, compact size
High efficiency, high reliability
Built in EMI filter, low ripple noise
Over load, over voltage & short circuit protection
100% 50 burn-in test
Meet UL, cUL, TUV, CB, CE standard
2 years warranty

## Specification:

INPUT	Voltage	85V~264V AC, universal full range			
	Frequency	47 --- 63 Hz			
	Current	SPL-055-D1: <1.5A@100V; SPL-075-D1: <1.9A @ 100V, full load condition			
	Inrush Current	SPL-055-D1	<25A@115V / <50A@230V AC input , full load condition. Cold start at 25 ambient		
		SPL-075-D1	<30A@115V / <50A@230V AC input , full load condition. Cold start at 25 ambient		
	Leakage Current	<1.5mA@264V AC input			
OUTPUT	Model	SPL-055-D1		SPL-075-D1	
	Output	V1	V2	V1	V2
	Voltage	+5V	+12V	+5V	+12V
	Min. Load	0.1A	0A	0.5A	0.3A
	Max. Load	8A	1.5A	12A	2A
	Peak Load	10A	4A	15A	4A
	Regulation	±3%	±5%	±3%	±5%
	Ripple Noise (MAX.)	50mV	100mV	50mV	100mV
	Efficiency (TYP.)	70%		72%	
	Max Power	55W		75W	
PROTECTION	Over Voltage Protection	+5.8V~+7.0V	+13.8~17.5V	+5.8V~+7.0V	—
	Over Load Protection	Over 105% ~ 180% of rating, shutdown and latch.			
	Short Circuit Protection	Shutdown and latch.			
OTHERS	Rise time	<20mS			
	Hold up time	SPL-055-D1	>20mS@230V		
		SPL-075-D1	>16.7mS@115V; >80mS@230V		
	Cooling	Natural cooling. When output exceed 55W, a 10CFM (min.) fan is required.			
Environment	Temperature	Operating: -10~70 ; De-rating: 45 ~70 : 2.5%/ . Storage: -10~+75			
	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)			
M.T.B.F.	SPL-055-D1: 336K hours; SPL-075-D1: 308K hours				
SAFETY	UL 60950 3 <sup>rd</sup> , CSA C22.2 No.60950 3 <sup>rd</sup> , TUV EN 60950-1 <sup>st</sup> , IEC 60950-1 <sup>st</sup> , EMKO-TSE(74-SEC)207/94, CCC GB 4943 (2001) standard				
EMC	EMI	EN 55022 EN 61000-3-2,3 FCC CFR 47 PART 15 CLASS B CNS 13438 CALSS B.			
	EMS	EN 55024 EN 61000-4-2,3,4,5,6,8,11			
Packing:	N.W.: 0.3kg/1pc; 60PCs/2.03Cuft3/1ctn				

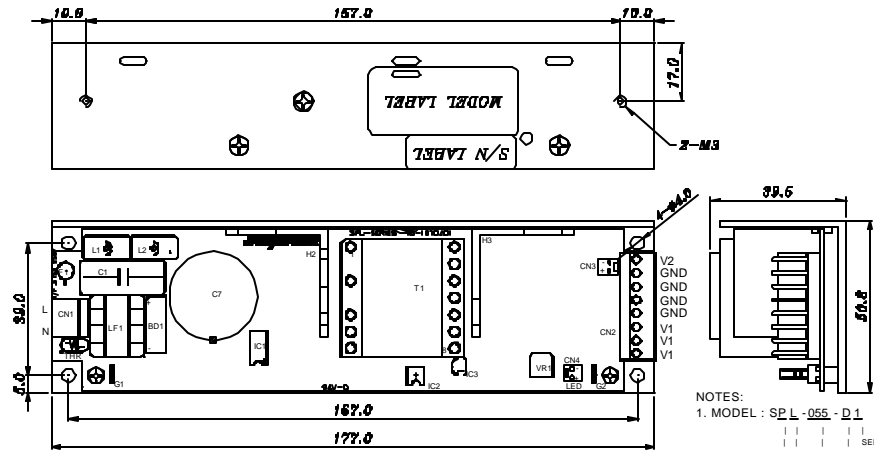


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**Dimension:**

# SPL-055-D1

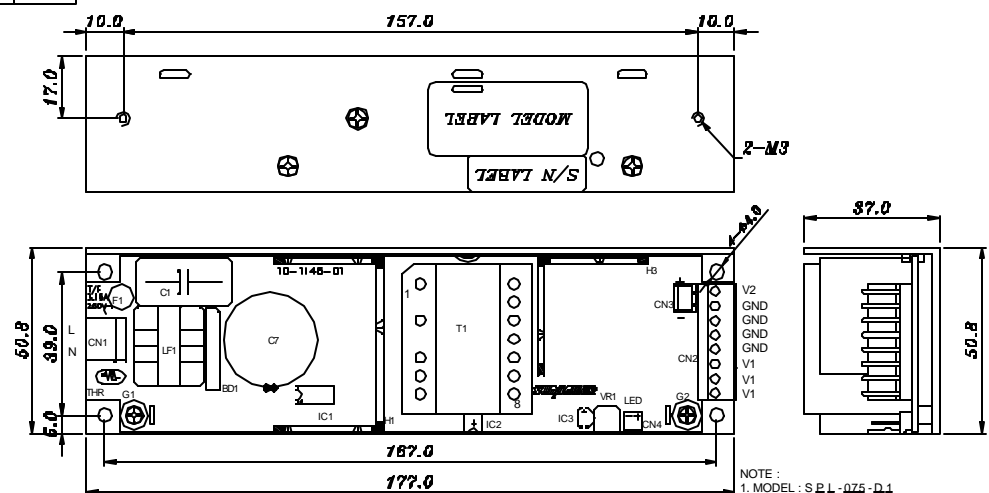
V1	V2
+5V	+12V



- NOTES:
- MODEL : SP L - 055 - D 1
  - MATERIAL : CHASSIS 2.0 NATURAL ALUMINIUM.
  - HEADER : I/P : CN1, MOLEX 5277-02A or COMPATIBLE  
 O/P : CN2, MOLEX 5273-08A or COMPATIBLE.  
 FAN : CN3, MOLEX 5045-02A or COMPATIBLE.  
 LED : CN4, MOLEX 5045-02A or COMPATIBLE.

# SPL-075-D1

V1	V2
+5V	+12V



- NOTE:
- MODEL : S.P.L - 075 - D1
  - MATERIAL : CHASSIS 2.0mm NATURAL ALUMINIUM.
  - UNIT : mm.