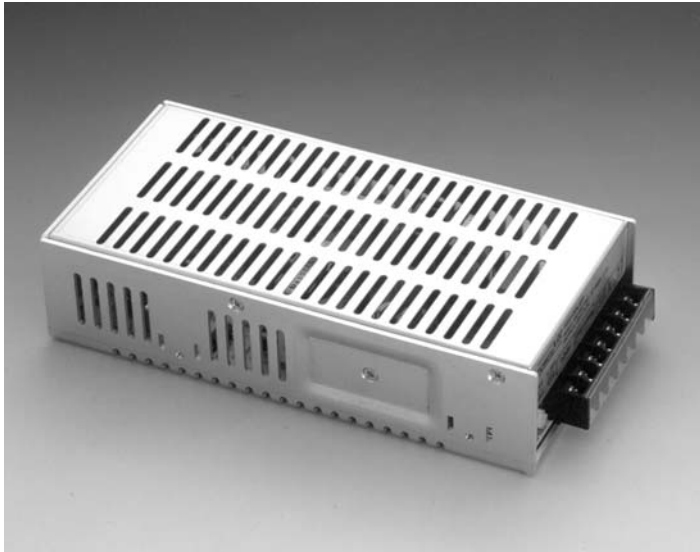




TPS150LBP SERIES

BOX TYPE w/ ACTIVE PFC



KEY FEATURES

- * Active Power Factor Corrector (PFC)
- * Universal input
- * Built-in EMI filter
- * Low Cost

APPLICATIONS

- * Telecommunications
- * Computer peripherals / Business machines
- * Test & industrial equipments
- * Medical instruments

ELECTRICAL SPECIFICATIONS

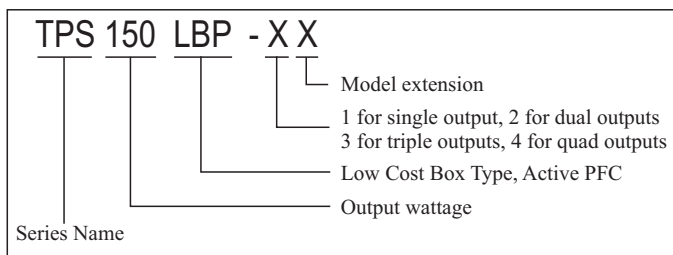
INPUT

- * Input range ----- 90 ~ 264 VAC, universal
- * Frequency ----- 47 ~ 63Hz
- * Inrush current ----- 38A Typ. Cold start @ 25°C, 115VAC
- * Efficiency ----- 65%~80% typical at full load
- * EMI filter ----- FCC Class B, CISPR 22 Class B, EN55022 class B
- * Line regulation ----- +/- 0.5%

OUTPUT

- * Maximum power ----- 150W TYP. with 17CFM forced air (Refer to next page)
- * Hold-up time ----- 10ms at full load and 115 VAC nominal line
- * Overload protection -- Short circuit protection.
- * Overvoltage protection ----- Main output 20% to 40% above nominal output
- * Ripple/Noise ----- +/- 1% Max. @ full load (Optional +/- 0.5% per inquiry)

ORDERING INFORMATION



EMI & EMC

- * FCC part 15, Class B
- * CISPR 22 / EN55022, Class B
- * VCCI, Class 2
- * CE, EN61000-3-2 (Class A) and-3; EN61000-4-2, -3, -4, -5, -6 and -11

SAFETY APPROVAL

- * UL 1950 / cUL
- * Optional CSA 22.2, LEVEL 3 (COMPLY WITH)
- * TUV EN60950
- * Optional UL 2601(EMI Class A) (COMPLY WITH)

ENVIRONMENTAL

- * Operating temperature:
0 to 50°C ambient; derate each output at 2.5% per degree from 50°C to 70°C
- * Electromagnetic susceptibility:
Designed to meet IEC 801 -2, -3, -4, -5, Level 3
- * Humidity:
Operating; non-condensing 5% to 95%
- * Vibration:
10 ~ 55 Hz at 1G 3 minutes period, 30 minutes along X, Y and Z axis
- * Storage temperature:
-40 to 85°C
- * Temperature coefficient:
+/- 0.05% per degree C
- * MTBF demonstrated:
> 100,000 hours at full load and 25°C ambient conditions



SWITCHING MODE 150W POWER SUPPLIES

OUTPUT SPECIFICATION

TPS150LBP-1X

MODEL	OUTPUT CURRENT (A)								
	5V	12V	15V	24V	48V	13.5V	56V	3.3V	18V
TPS150LBP-10	30								
TPS150LBP-11		12.5							
TPS150LBP-12			10						
TPS150LBP-13				6.26					
TPS150LBP-14					3.12				

TPS150LBP-2X

MODEL	OUTPUT CURRENT (A)								
	5V	12V	-5V	-12V	15V	-15V	24V	48V	3.3V
TPS150LBP-20	17	7							
TPS150LBP-21	17						3.7		
TPS150LBP-22	17		17						
TPS150LBP-23		7		7					
TPS150LBP-24					5	5			
TPS150LBP-26	17							1.8	

NOTES

- * 120% Peak current lasting < 30 seconds with a maximum 10% duty cycle.
- * Specifications are for convection rating unless otherwise stated.
- * Detailed engineering specification of each model is available for inquiry.
- * Special output voltage inquiry is welcomed.
- * Specifications subject to change without notice.

TPS150LBP-3X

MODEL	OUTPUT CURRENT (A)								
	5V	12V	-5V	-12V	15V	-15V	24V	48V	3.3V
TPS150LBP-30	17	7	1						
TPS150LBP-31	17	7		1					
TPS150LBP-32	17				5	1			
TPS150LBP-33	24		1		3				
TPS150LBP-34	22			1	3				
TPS150LBP-35	15			1			3		
TPS150LBP-36	10	8		1					
TPS150LBP-37	15	6					1		
TPS150LBP-38	10	4						1.2	

TPS150LBP-4X

MODEL	OUTPUT CURRENT (A)								
	5V	12V	-5V	-12V	15V	-15V	24V	48V	3.3V
TPS150LBP-40	17	6	1	1					
TPS150LBP-41	17	5	2	2					
TPS150LBP-42	17	3.5			2	2			
TPS150LBP-43	10	4		2		2			
TPS150LBP-44	10	2		2				1.5	
TPS150LBP-45	10	3		2			2		

MECHANICAL DRAWING

