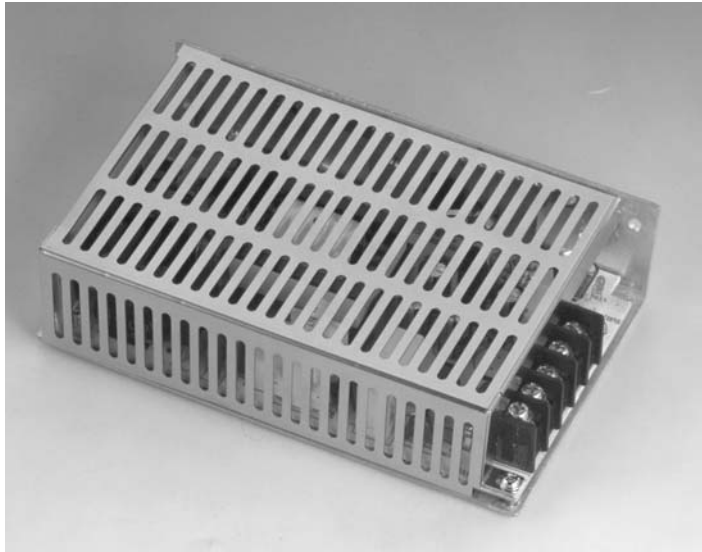




TPS60LB SERIES

BOX TYPE



KEY FEATURES

- * Universal input
- * Built-in EMI filter
- * Low Cost

APPLICATIONS

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

ELECTRICAL SPECIFICATIONS

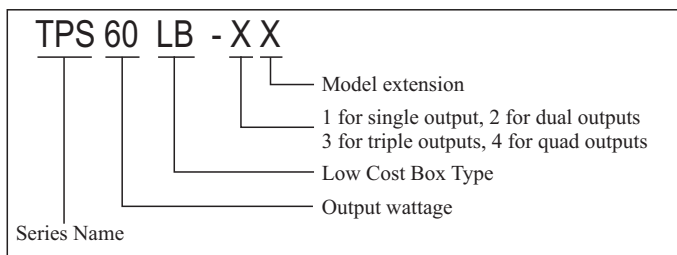
INPUT

- * Input range ----- 90 ~ 264 VAC, universal
- * Frequency ----- 47 ~ 63Hz
- * Inrush current ----- 30A 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 ----- 60W for convection (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 60W POWER SUPPLIES

OUTPUT SPECIFICATION

TPS60LB-1X

MODEL	OUTPUT CURRENT (A)								
	5V	12V	15V	24V	48V	13.5V	56V	3.3V	18V
TPS60LB-10	12								
TPS60LB-11		5							
TPS60LB-12			4						
TPS60LB-13				2.5					
TPS60LB-14					1.25				

TPS60LB-2X

MODEL	OUTPUT CURRENT (A)								
	5V	12V	-5V	-12V	15V	-15V	24V	48V	3.3V
TPS60LB-20	6	3							
TPS60LB-21	6						1.3		
TPS60LB-22	6		6						
TPS60LB-23		2.5		2.5					
TPS60LB-24					2	2			
TPS60LB-26	8							0.5	

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.

TPS60LB-3X

MODEL	OUTPUT CURRENT (A)								
	5V	12V	-5V	-12V	15V	-15V	24V	48V	3.3V
TPS60LB-30	5	2.5	1						
TPS60LB-31	6	2.2		0.4					
TPS60LB-32	6				1.6	0.4			
TPS60LB-33	7.5		0.8		1.2				
TPS60LB-34	7.5			0.4	1.2				
TPS60LB-35	5.2			0.4			1.2		
TPS60LB-36	3	3.5		0.4					
TPS60LB-37	5.2	2					0.4		
TPS60LB-38	4	1.5						0.6	

TPS60LB-4X

MODEL	OUTPUT CURRENT (A)								
	5V	12V	-5V	-12V	15V	-15V	24V	48V	3.3V
TPS60LB-40	6	2	0.4	0.4					
TPS60LB-41	6	1.6	0.6	0.6					
TPS60LB-42	6	1			0.6	0.6			
TPS60LB-43	3.3	1.5		0.6		1.2			
TPS60LB-44	3.3	0.6		0.6				0.6	
TPS60LB-45	6	1		1			0.5		

MECHANICAL DRAWING

