

Features

- Suitable For I. T. E. Applications
- Wide Input Range AC 90 V to 264 V
- No Load Power Consumption Less Than 0.3 W
- Low Ripple & Noise
- 1 Year Warranty

Dimensions: 93.5 mm × 46 mm × 35.8 mm

Efficiency Level: ErP Stage 2, CEC Level V

Marks / Approvals: CB CE GS UL FC V ENEC

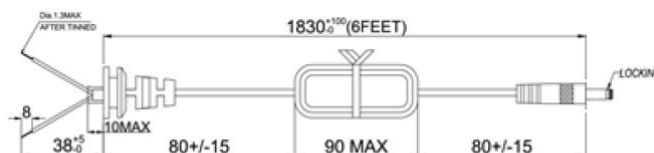


Specifications

	MODEL	VOLTAGE	RIPPLE & NOISE	MAX. LOAD	MAX. POWER
OUTPUT	SYS 1357-1505-W*	5 V	120 mV p-p	3.00 A	15 W
	SYS 1357-1809-W*	9 V	120 mV p-p	2.00 A	18 W
	SYS 1357-2412-W*	12 V	120 mV p-p	2.00 A	24 W
	SYS 1357-2415-W*	15 V	150 mV p-p	1.60 A	24 W
	SYS 1357-2418-W*	18 V	180 mV p-p	1.33 A	24 W
	SYS 1357-2424-W*	24 V	240 mV p-p	1.00 A	24 W
	Standby Power Consumption		Max. 0.3 W rms @ AC nominal input and Output min. load		
Load Regulation		± 5 % (typical)			
INPUT	Voltage	AC 90 V – 264 V			
	Frequency	47 Hz – 63 Hz			
	Current (rms max)	1 A max.			
	Surge Current	40 A / 60 A @ power supply cold start, ambient temperature 25 °C			
	Leakage Current	0.25 mA @ 2 pins			
PROTECTION	Over Current	Yes, > 120 % Fold Back			
	Overvoltage	Yes, > 105 % Voltage limiting			
	Short Circuit	Yes, output to ground, auto recovery			
	Protection Class	II.			
	No Load Operation	Yes, to protect the power supply and system from damage			
OTHERS	Dielectric Strength	I/P-O/P (FG): AC 3 kV / 10 mA / 1 min.			
	Power On LED	Yes			
	Turn on delay	5000 ms max.			
	Hold-up time	10 ms			
	MTBF	50,000 hours at 25 °C at MIL-HDBK-217H			
	Typ. Efficiency	> 76 %			
	Power Consumption	Max. 0.3 W rms			
	Input Fuse	AC 250 V & 1.6 A. Protected against power line surges and abnormal conditions			
ENVIRONMENT	Temperature	Operating: 0 °C – 40 °C / Storage: -20 °C – 85 °C			
	Humidity	Operating: 8 % RH to 90 % RH / Storage: 5 % RH to 95 % RH			
CONNECTION	Input	Choose from interchangeable plugs*: W2E – Europlug CEE 7/16. W2 – USA, Canada, China, Japan. W3U – UK. W2K – Korea.			
	Output	Standard DC plug: 2.1 mm × 5.5 mm × 9.5 mm / DC Cord: Please refer to technical drawing			
SAFETY	CB / UL / cUL / FCC / GS / CE / PSE / BSMI / LPS				
EMI	Compliance to EN 55022 Class B, EN 61000-3-2, -3				
EMS	Compliance to EN 55024, 61000-4-2, -3, -4, -5, -6, -8, -11				
DIMENSIONS	93.5 mm × 46 mm × 35.8 mm				
NET WEIGHT	155 g (ref.)				

Technical drawing of the LBS-1000 device showing front, side, and top views with dimensions.

- Front View (Top):** Dimensions are 93.50±0.50 (width) and 46.00±0.50 (height).
- Side View (Middle):** Shows the profile of the device.
- Top View (Bottom):** Shows the internal components and connectors. Dimensions are 93.50±0.50 (width) and 35.80±0.50 (depth).

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