

**FEATURES :**

- Universal AC Input
- High Efficiency Up To 84%
- Protection: Short Circuit /Over current/Over voltage
- Meet EMI EN55022 & EMS EN55024 standard
- Power Factor Correction
- 3 Years Warranty
- ROHS Compliant

Specifications typical at TA=25°C, nominal input voltage and rated output current unless otherwise specified

Part Number	Output Wattage	Constant Current Region	Dimmable Current	Constant Current	Efficiency % (TYP)	
	(W)	(V)	(mA)	(mA)	LBU8D	LBE8D
LBU(E)8D-120-300	3.6	6.0-12.0	0-300	300±5%	80	82
LBU(E)8D-180-300	5.4	9.0-18.0	0-300	300±5%	81	82
LBU(E)8D-260-300	7.8	18.0-26.0	0-300	300±5%	82	84
LBU(E)8D-120-350	4.2	6.0-12.0	0-350	350±5%	80	84
LBU(E)8D-180-350	6.3	9.0-18.0	0-350	350±5%	81	84
LBU(E)8D-095-500	4.8	5.0-9.5	0-500	500±5%	80	82
LBU(E)8D-120-500	6.0	6.0-12.0	0-500	500±5%	81	82
LBU(E)8D-045-700	3.2	3.0-4.5	0-700	700±5%	80	82
LBU(E)8D-090-700	6.3	4.5-9.0	0-700	700±5%	81	82

**NOTE:** U: Input 110Vac. E: Input 230Vac. For example: LBU8D-120-300, LBE8D-120-300  
Resonant control to achieve high efficiency, 84% without dimmer

**Input Specifications**

Parameters	Conditions	Min	Typ	Max	Units
Input voltage(LBU8D)	Io nom	90	110	130	Vac
Input voltage(LBE8D)	Io nom	200	230	264	Vac
Line Frequency	Vi nom, Ionom	47	50/60	63	Hz
Inrush Current	Io nom	Vi:110VAC		10	A
		Vi:230VAC		20	A
Power Factor	PF> 0.90 / 110Vac,230Vac at full load(Without Dimmer)				

**Output Specifications**

Parameters	Conditions	Min	Typ	Max	Units
Isolation Voltage	Input / Output			3KVac/ 5mA/5Secs	
Operating Temperature	Operating at Vi nom, Io nom	-20		+50	°C
Protection	Over Current	>108% rated output power(Constant current limiting)			
		Protection type: Recovers automatically after fault condition is removed			
	Over Voltage	120%-150% rated output Voltage			
Protection type: Recovers automatically after fault condition is removed					
Short circuit	Recovers automatically after fault condition is removed				

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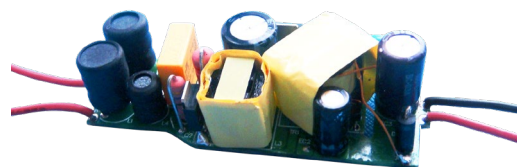
LBU(E)8D SERIES

8Watt

3KVac Isolated

PFC

Dimmable



**Part Number**

L B U (E) 8 D - 120 - 300  
A B C D E F G H

- A : Series
- B : Package
- C : Input 110Vac
- D : Input 230Vac
- E : Output Watt
- F : Dimmable
- G : Output Voltage
- H : Output Current

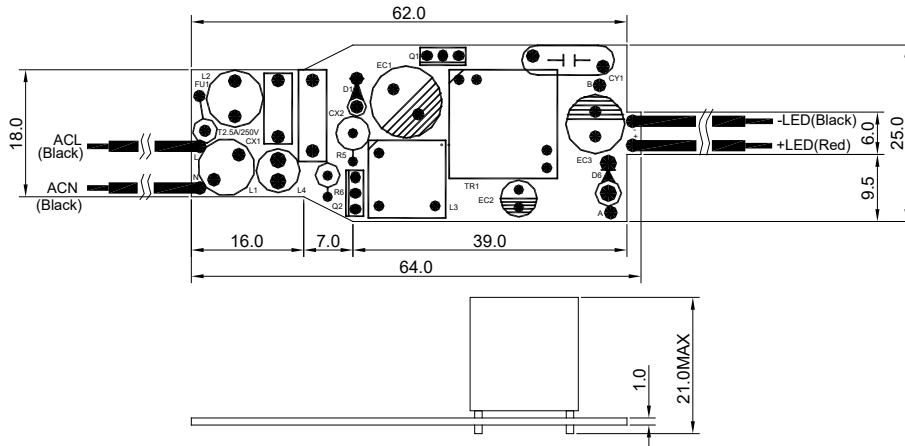
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Markings and Dimensions



UNIT:mm Unless otherwise specified,all tolerances are  $\pm 0.5$