

60W LED Driver

LED Driver 12V/24V **60W**



Features

- Constant Voltage;
- Protection: Overload Protection/Overvoltage Protection/ Lightning protection/ Short Circuit Protection/Over Temperature protection
- All in one plastic defending shell;
- Class II Protection;
- For interior LED light use
- 100% full-loaded Aging Test;
- 3 years warranty.

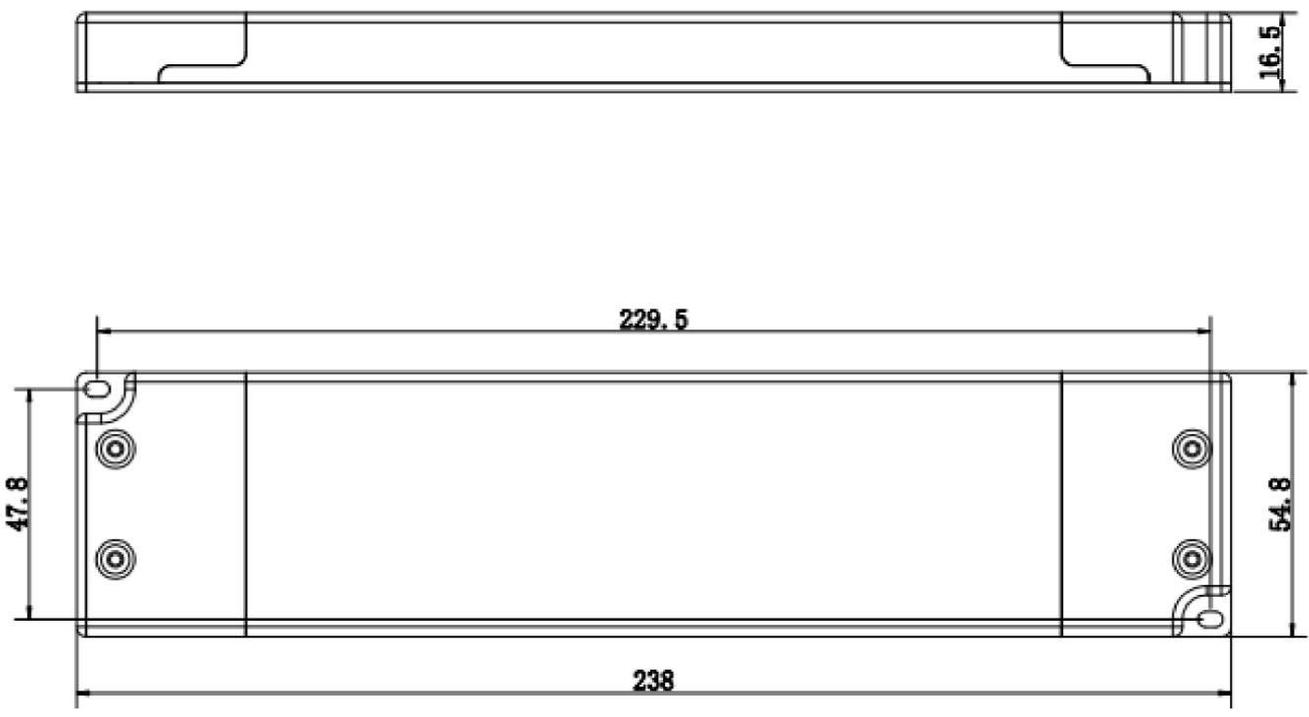
Parameters

Model		AED60-12VLSTB-IP44	AED60-24VLSTB-IP44
Output	Output Voltage	12V	24V
	Voltage Accuracy	+ -5%	+ -5%
	Output Current	5A	2.5A
	Output Rated Power	60W	60W
	Max. No Load Voltage	12.6V	25.2V
	Load Regulation	+ -3%	
Input	Voltage Range	108-132VAC	108-132VAC
	Frequency Range	57-63Hz	57-63Hz
	Efficiency (Typ.)	89%	89%
	Input Current	1.1A	1.1A
	Surge Current (Max)	80A@120VAC/60Hz in full-loaded cold state	
	Leakage Current	0.5mA	
	Line Regulation	+ -5%	
	Start Up Time	0.5s@120VAC, 75%-100% loaded	
Protection	Overload	Output stop when rated output current exceeds 130%. Output will be restored after the abnormality is removed.	
	Overvoltage	Output stop when rated output voltage exceeds 160%. Output will be restored after the abnormality is removed.	

Environment	Operating Temperature/Humidity	-20°C ~40°C/20%~90% RH
	Storage Temperature/Humidity	-20°C ~80°C/10%~95% RH
	Vibration	10-500Hz, 2G 10mins per period, 60min on each X, Y, Z axis
	Max Noise (Remarks 2)	24DB
Safety and Electromagnetic Compatibility	Safety Specification (Remarks 6)	UL8750; UL1310
	Withstand Voltage	I/P-O/P, 1500VAC 5mA
	Insulation Resistance	I/P-O/P, 100Mohms/500VDC/25°C/70%RH
	Electromagnetic Compatible Emission	FCC Class B
	Electromagnetic Compatibility Imunity	IEC 61000-4-5(500V), Ring wave(2.5KV)
	Lifetime	30,000H
	Size	238mm*55mm*16.5mm
	Packaging	Each in PE bag, 50PCS in one 29.5*25.5*19cm carton
Remarks	<p>1. If not stated, all parameters are test under 120VAC input, rated load and 25°C Ta;</p> <p>2.Noise Test: Test from 300mm from the product in a sound-proof box;</p> <p>3. Derating output is required at low input voltage. Please refer to the static characteristic for details.</p> <p>4. Drivers and switches area use with the end product. Because EMC test will be influenced by the whole end product set, end product manufacturer will need to do EMC test again to confirm;</p> <p>5. The start-up time is measured in the cold start state. Continuous switching on and off may make the start-up time longer.</p> <p>6. Can be adapt to end product passed UL(UL8750, UL1310). Pls contact Letaron for more details.</p>	

***Mechanical Drawings**

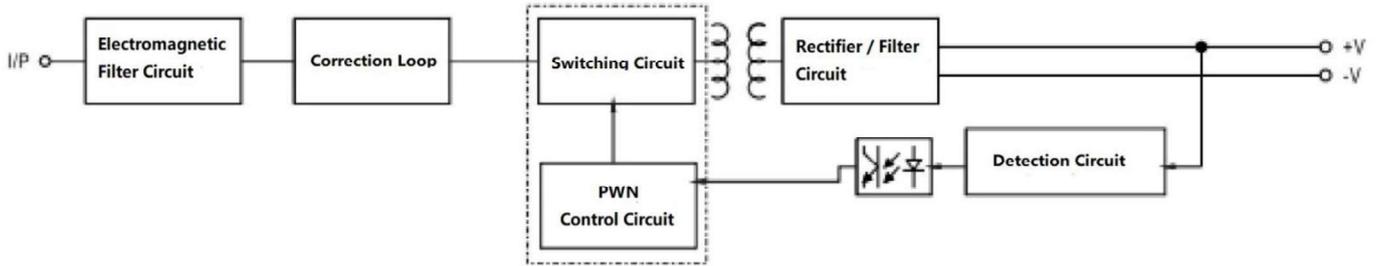
***Unit of Length: mm**



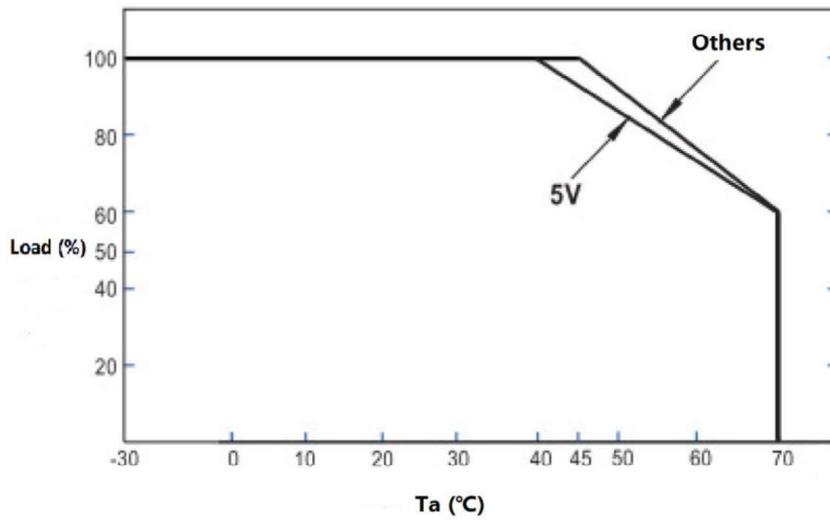
*Wiring Diagram



*Block Diagram



*Deduction Curve



*Static Characteristic

