

LED Driver 12V/24V 20W



**Features**

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

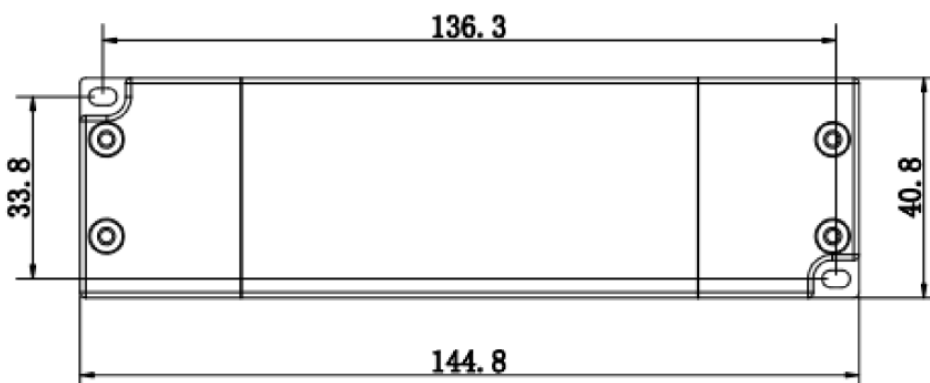
**Parameters**

Model		AED20-12VLSTBJ-IP44	AED20-24VLSTBJ-IP44
Output	Output Voltage	12V	24V
	Voltage Accuracy	+ -5%	+ -5%
	Output Current	1670mA	830mA
	Output Rated Power	20W	20W
	Max. No Load Voltage	13V	26V
	Load Regulation	+ -5%	
Input	Voltage Range	198-264VAC	198-264VAC
	Frequency Range	47-53Hz	47-53Hz
	Efficiency (Typ.)	83%	83%
	Input Current	240mA	240mA
	Surge Current (Max)	30A	
	Leakage Current	0.5mA	
	Line Regulation	+ -5%	
	Start Up Time	0.5s@230VAC	

Protection	Overload	Output stop when it is greater than 110% of the rated output power. Output will be restored after the abnormality is removed.
	Overvoltage	Output stop when the load voltage exceeds 110%. 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)	EN61347-1, EN61347-2-13
	Withstand Voltage	I/P-O/P, 100Mohms/500Vdc/25°C/70%RH
	Insulation Resistance	I/P-O/P: 1000Mohms/500VDC/20°C/70%RH
	Electromagnetic Compatible Emission	EN55015: 2013 EN61000-3-2/GB 17625.1 EN61000-3-3
	Electromagnetic Compatibility Immunity	EN61547 EN61000-4-2
	Lifetime	30,000H
	Size	145mm*41mm*13.5mm
	Packaging	Each in PE bag, 100PCS in one 31*22*16cm carton
Remarks	<p>1. If not stated, all parameters are test under 230VAC 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 CE TUV(EN61347-1, EN61347-2-13). Pls contact Letaron for more details.</p>	

**\*Mechanical Drawings**

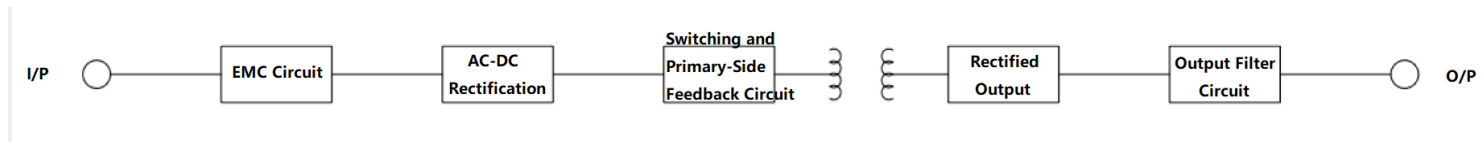
**\*Unit of Length: mm**



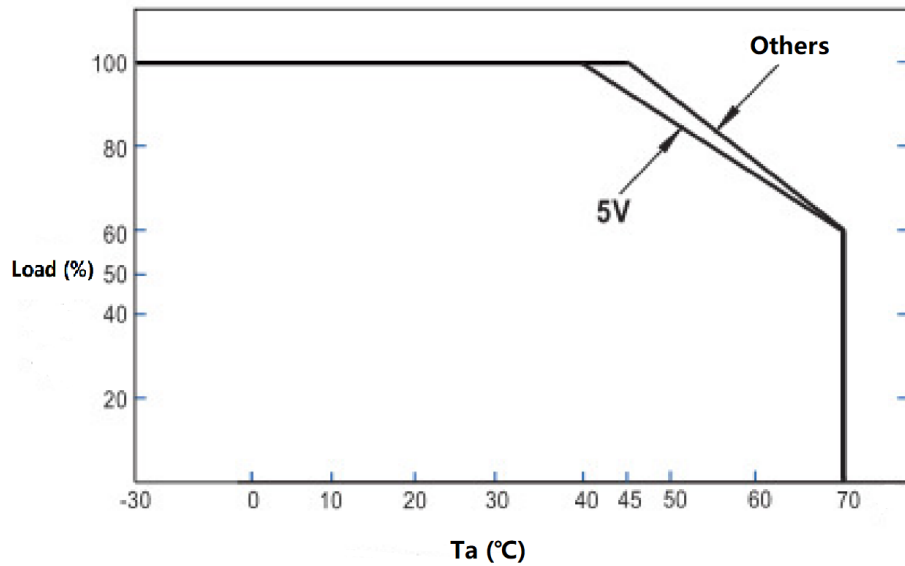
## \*Wiring Diagram



## \*Block Diagram



## \*Deduction Curve



## \*Static Characteristic

