

### ➤ Feature

- Dimming: Triac/ ELV dimming
- Dimming 0-100%
- UL-RC, Class 2, Type HL
- Damp and dry location
- 100-130Vac input
- Build in active PFC, typical power factor=0.94
- THD<20%@120V Max. load
- Constant voltage type
- Small size: 3.31x1.57x0.98 inch (L\*W\*H)
- Super low loading request, works perfect at 20-100% load.
- Short-circuit, over-load protection.
- 3 years warranty

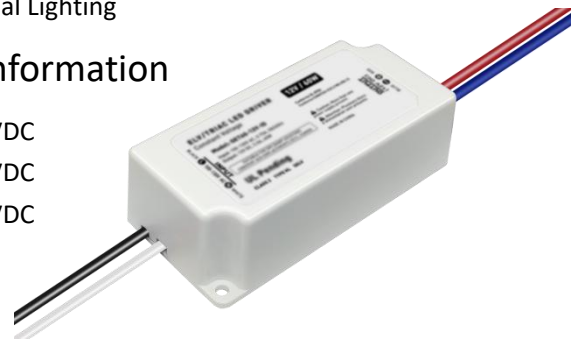
- compatible with popular dimmers in the market, Lutron-CL, Diva series etc.

### Application

- LED strip/LED tape/LED module
- Residential Lighting
- Commercial Lighting

### Series Information

- 60W 12VDC
- 60W 24VDC
- 96W 24VDC

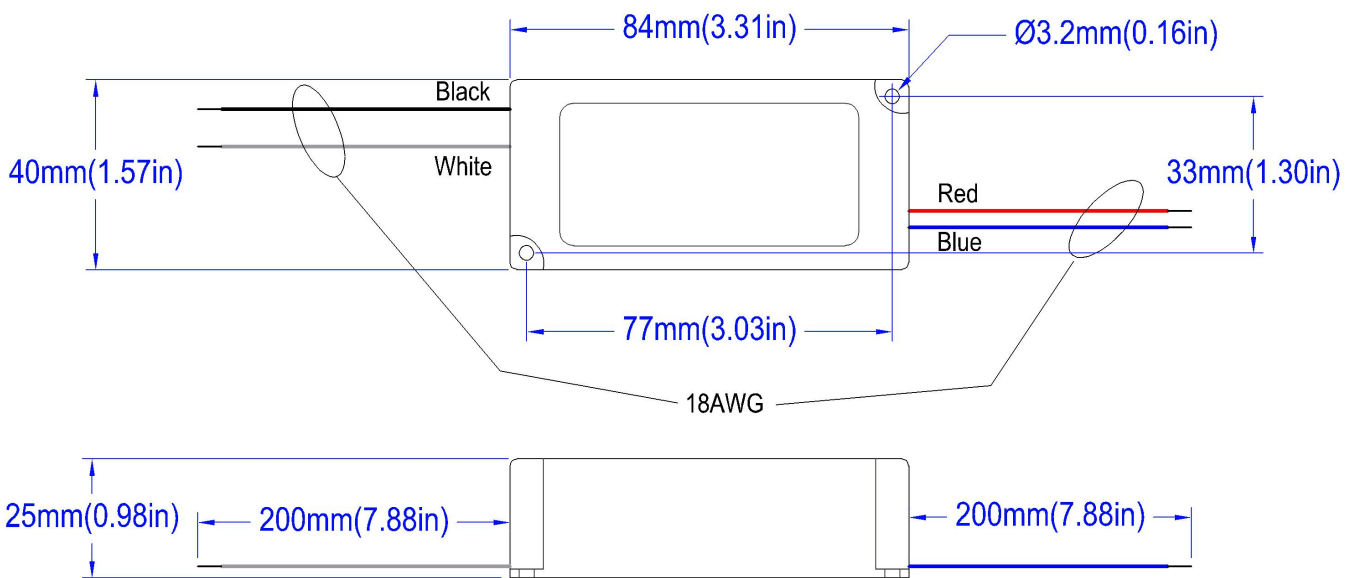


### ➤ Specification

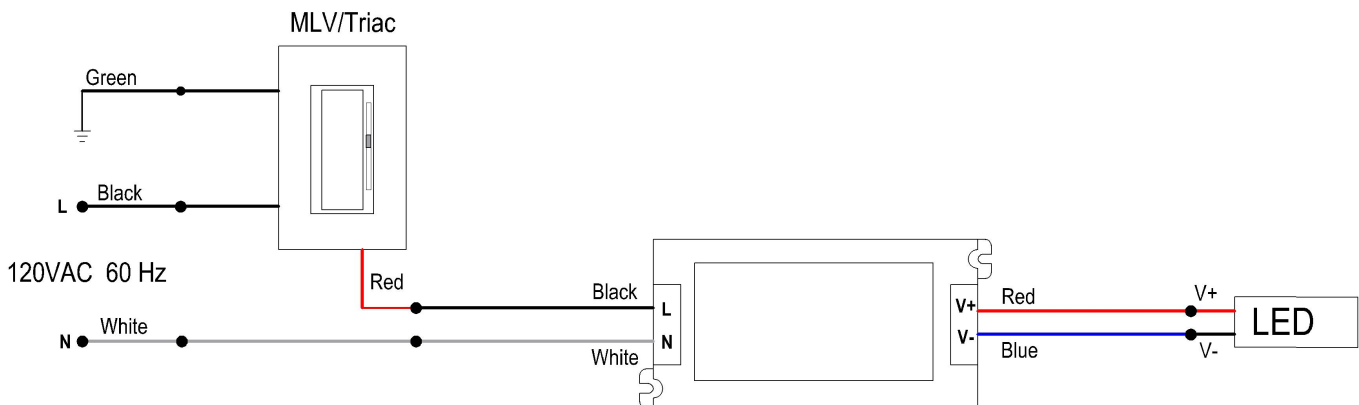
Model Number	SMT-24096VT-ET
<b>OUTPUT</b>	
Rated Power	96W
Rated Voltage	24V
Rated Current	4.0A
Voltage Tolerance	±1V
<b>INPUT</b>	
Voltage Range	100-130Vac
Frequency Range	47-63Hz
Power Factor(typ.)	0.94@120VAC
Total Harmonic Distortion	THD< 20%(@100% load)
Efficiency (Typ.)	88%@120VAC
AC Current (Typ.)	1.2A
Leakage Current	<0.5mA/ 120VAC
<b>PROTECTION</b>	
Short Circuit	Hiccup mode, recovers automatically after fault condition is removed.
Over Load	Reduce the output voltage and output power, auto-recovery or re-power on to recovery
<b>ENVIRONMENT</b>	
Working Temp.	Tcase=-40 ~ +60 (Please refer to “OUTPUTLOAD vs TEMPERATURE” section)
Working humidity	20 ~ 95% RH non-condensing
Storage temp., Humidity	-40 ~ +90, 10 ~ 95% RH
Temp .coefficient	±0.03%/°C (0~50°C)

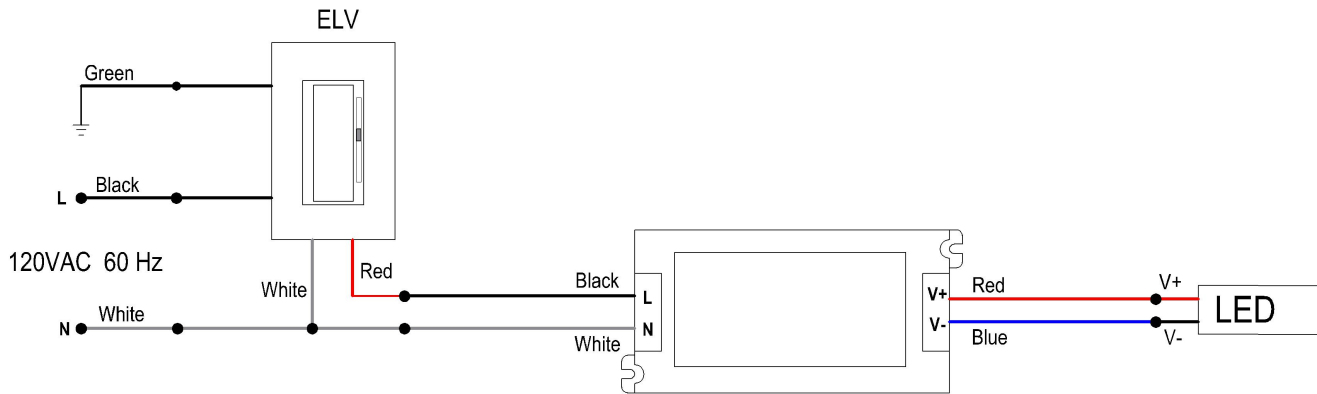
Vibration	10~500Hz, 5G 10min./1 cycle, period for 60min. each along X,Y,Z axes
<b>SAFETY &amp; EMC</b>	
Safety standards	UL8750, Class 2
Withstand voltage	I/P-O/P:1.88KVAC
<b>OTHERS</b>	
Dimension	3.31x1.57x0.98 inch (L*W*H)
Packing	

### ➤ Mechanical Diagram

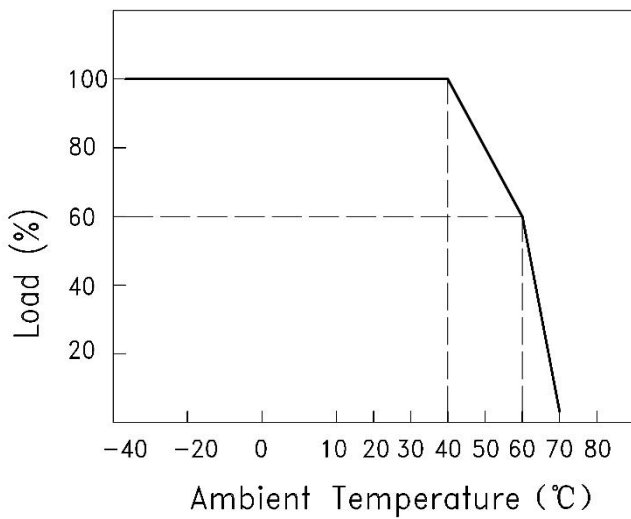


### ➤ Wiring Diagram





➤ **Load vs Ambient Temperature**



➤ **Instruction:**

- This driver should be installed by qualified and professional person;
- Please make sure the driver is installed with adequate ventilation around it to allow for heat dissipation.
- Ensure that wiring is correct before test in order to avoid light and power supply damage