ET SERIES 60W

ELV/Triac Dimmable Electronic Transformer

➢ Feature

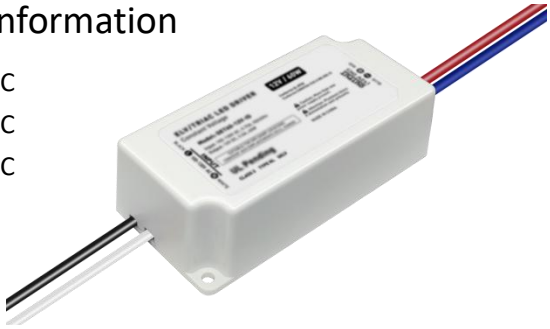
- Dimming: Triac/ ELV dimming
- Dimming 0-100%
- UL, Class 2
- Damp and dry location
- 100-130Vac input
- Build in active PFC, typical power factor=0.94
- THD<20%@120V Max. load
- Constant voltage type
- Small size: 3.31x1.57x0.98 inch (L*W*H)
- Super low loading request, works perfect at 20-100% load.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

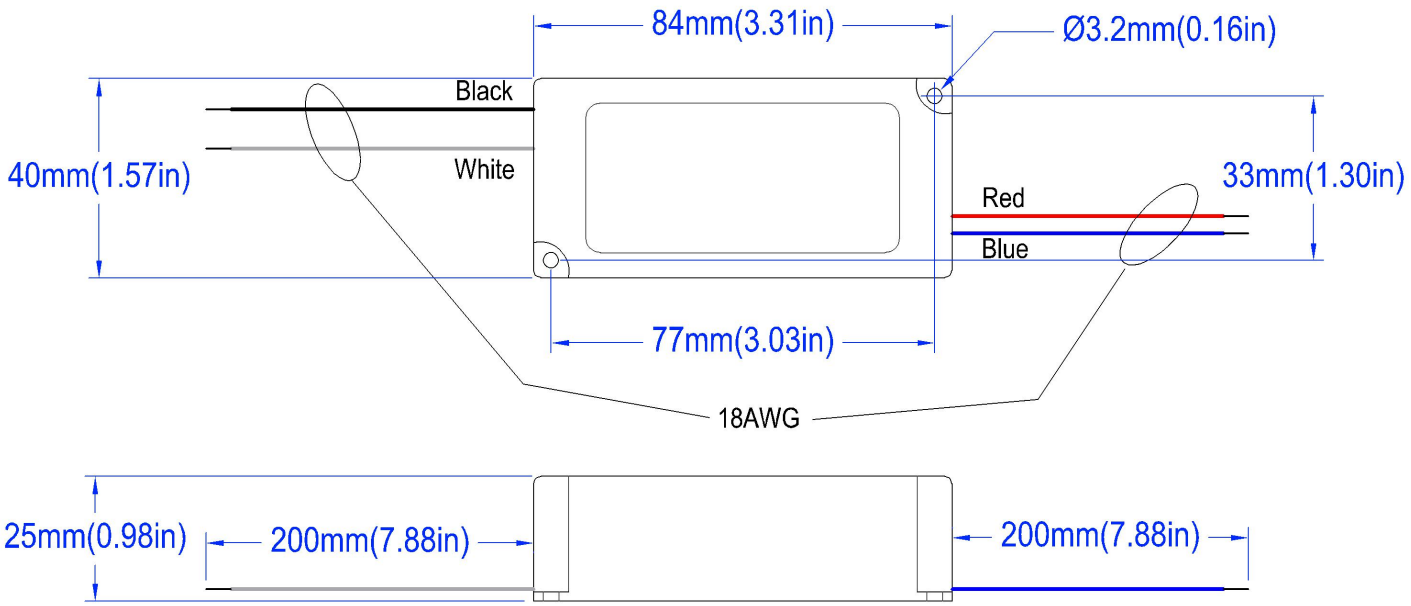


➢ Specification

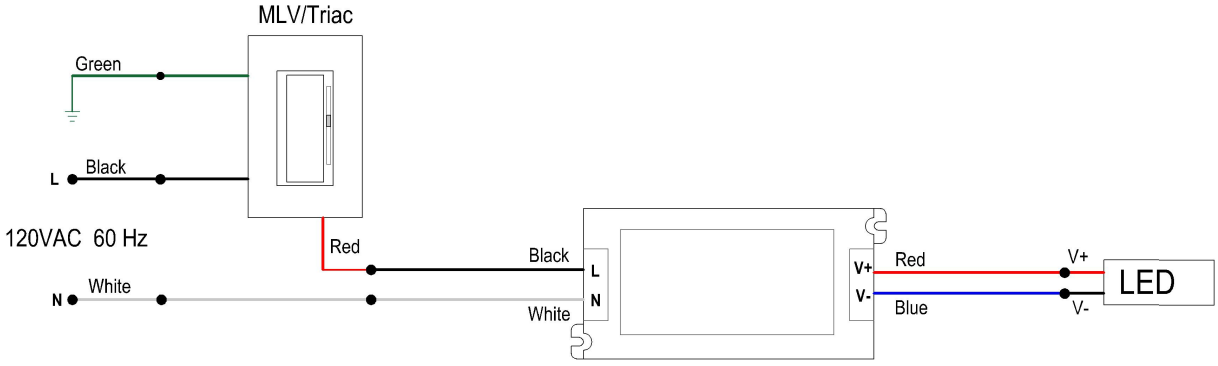
Model Number	SMT-1260VT-ET	SMT-2460VT-ET
OUTPUT		
Rated Power	60W	60W
Rated Voltage	12V	24V
Rated Current	5.0A	2.5A
Voltage Tolerance	±1V	
INPUT		
Voltage Range	100-130VAC	
Frequency Range	47-63Hz	
Power Factor(typ.)	0.94@120VAC	
Total Harmonic Distortion	THD< 20%(@100% load)	
Efficiency（Typ.）	88%@120VAC	
AC Current（Typ.）	0.75A	
Leakage Current	<0.5mA/ 120VAC	
PROTECTION		
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	
ENVIRONMENT		
Working Temp.	Tcase=-40 ~ +60 (Please refer to “OUTPUTLOAD vs TEMPERATURE” section)	
Working humidity	20 ~ 95% RH non-condensing	

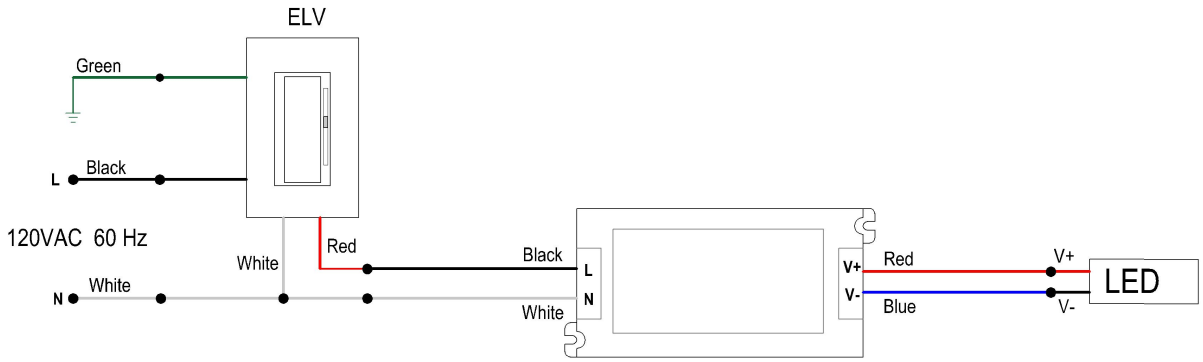
Storage temp., Humidity	-40 ~ +90, 10 ~ 95% RH
Temp .coefficient	±0.03%/℃（0～50℃）
Vibration	10～500Hz, 5G 10min./1 cycle,period for 60min. each along X,Y,Z axes
SAFETY & EMC	
Safety standards	UL8750, Class 2
Withstand voltage	I/P-O/P:1.88KVAC
OTHERS	
Dimension	3.31x1.57x0.98 inch (L*W*H)
Packing	

➢ Mechanical Diagram:

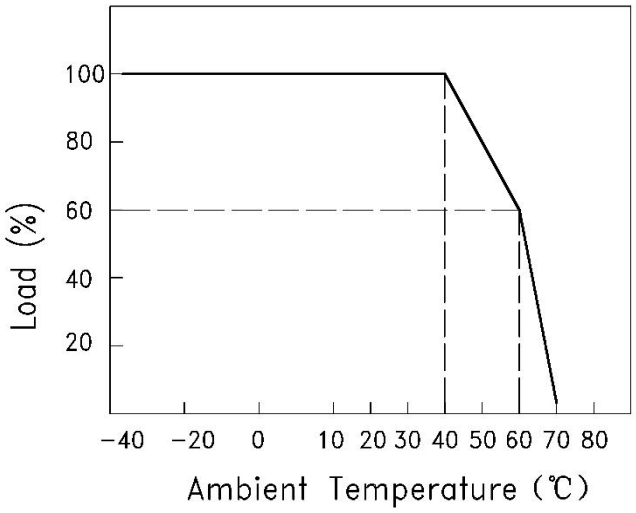


➢ Wiring Diagram:





➢ 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