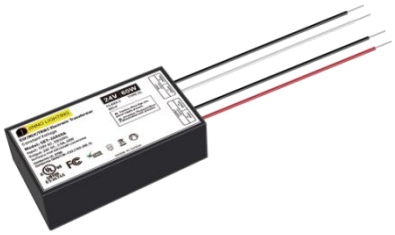
1 Product introduction

Feature



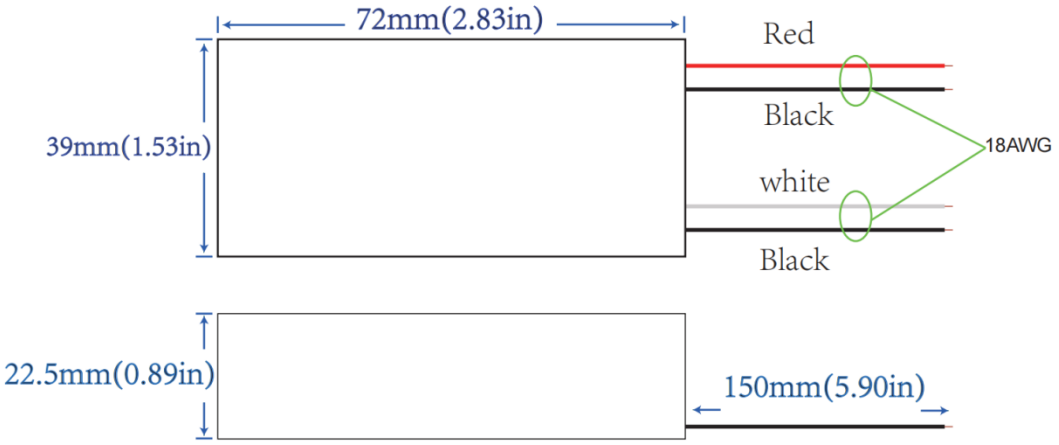
- Dimming: Triac/ ELV/ MLV
- Dimming 0-100%
- UL listed, Class 2, Type HL
- Damp and dry location
- 120Vac input
- 3 years warranty
- Build in active PFC, typical power factor=0.98
- THD<20%@120V Max. load
- Constant voltage type
- Small size: 2.83x1.53x0.89 inch (L*W*H)
- Super low loading request, works perfect at 20-100% load.
- Short-circuit, over-load protection.
- aluminum housing, for dry, damp.
- Compatible with popular dimmers in the market, Lutron-CL, Diva series and so on.

2 Specification

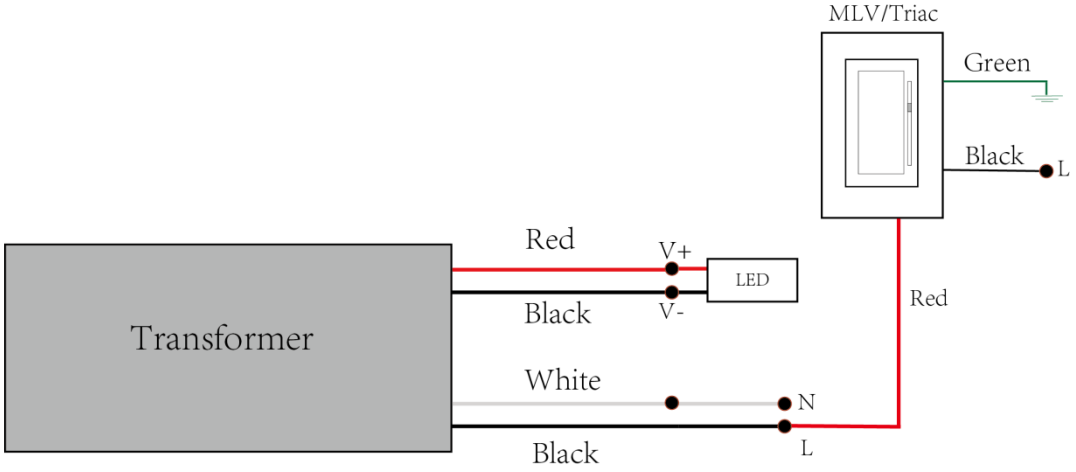
Model Number	SET-12060A	SET-24060A
Output Type		
Rated Power	60W	60W
Rated Voltage	12V	24V
Rated Current	5A	2.50A
Voltage Tolerance	±0.5V	
Voltage Regulation	±0.5%	
Load Regulation	±1%	
Input Type		
Voltage Range	120V	
Frequency Range	47-63HZ	

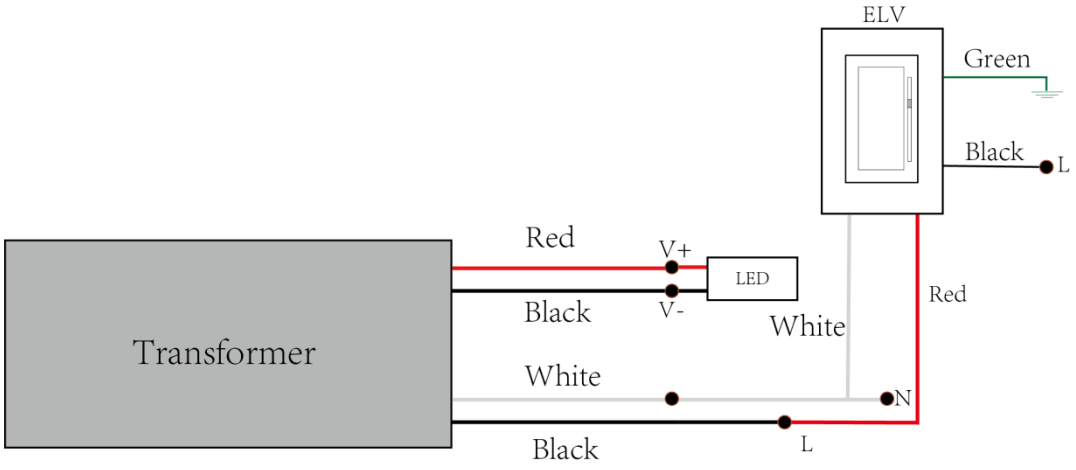
Efficiency（Typ.）	88%@120VAC
Total Harmonic Distortion	THD< 20%(@100% load)
Power Factor(typ.)	0.98@120VAC
AC Current（Typ.）	0.58A
Inrush Current (Typ.)	-
Leakage Current	<0.5mA/ 120VAC
PROTECTION	
Short Circuit	Hiccup mode, recovers automatically after fault condition is removed.
Overload	Reduce the output 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
Safety standards	I/P-O/P:1.88KVAC
OTHERS	
Dimension	2.83x1.53x0.89 inch (L*W*H)
Packing	-

3 Mechanical Diagram

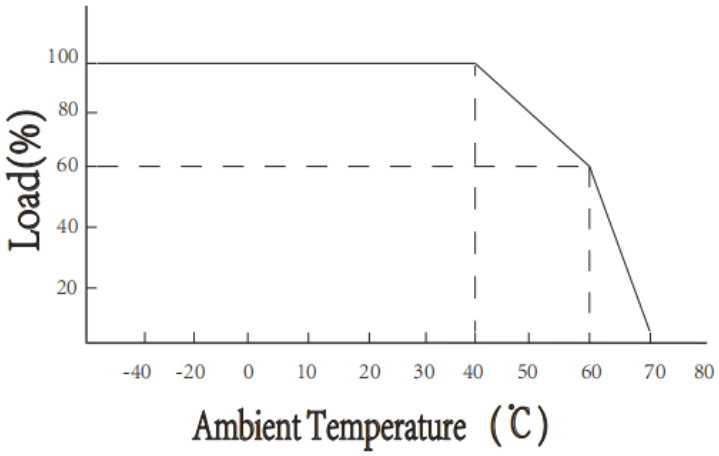


4 Wiring Diagram





5 Load vs Ambient Temperature



6 Optional accessories

7 built in Junction Box

Please feel free to contact us if you have any questions.