

## SLIM LED Electronic Dimmable Driver 60W Constant Voltage Class 2

### Features

- Short circuit, overload, and overvoltage protection
- 3 in 1 dimmable (TRIAC, ELV, MLV)
- Typical lifetime 50,000 hours
- Dry location only
- Wiring Compartments with Knock-Outs for Clean and Easy Installation



### Technical Specs

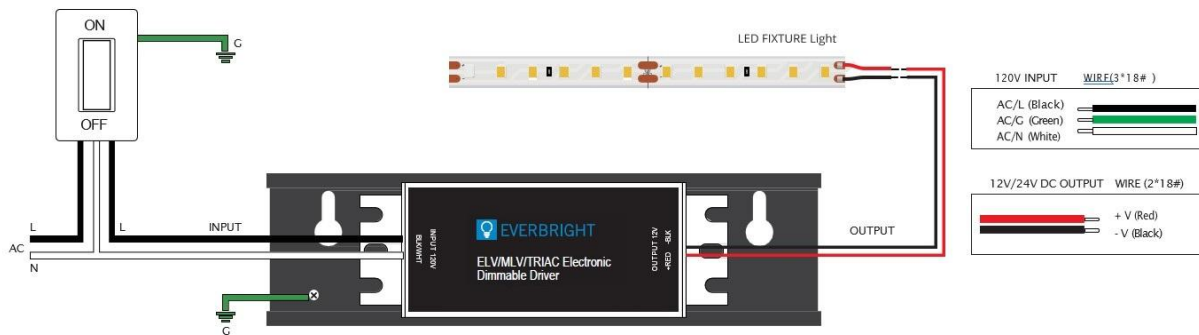
	ETKV-60-12D	ETKV-60-24D
<b>OUTPUT</b>		
Output Voltage	12Vdc	24Vdc
Output Voltage Range	12Vdc±5% Vdc	24Vdc±5% VDC
Output Current	5A Max	2.5A Max
Output Power	60W	
Output Ripple & Noise	≤600mV	
<b>INPUT</b>		
Input Voltage Range	120Vac	
Input Frequency Range	60HZ	
Input Current	≤1.3 A(120Vac)	
Surge Current (cold start)	46A @ 120Vac	
Power Efficiency (TYP)	88% (120Vac)	
Leakage Current	<0.75mA/277Vac	
<b>PROTECTION</b>		
Over-Current Protection	Shut down the output when current load ≥ 110% ,and recover automatically	
Short-Circuit Protection	Hiccup Mode,and recover automatically	
Over-Voltage Protection	Shut down the output when non-load voltage≥ 13V, and recover automatically	Shut down the output when non-load voltage≥ 26V, and recover automatically
<b>ENVIRONMENT</b>		
Working Temperature	-25°C~+50°C (See below derating curve )	
Working Humidity	10%~95%RH	
Approved Enviroments location	For dry,damp locations	
Storage Temperature	-35°C~+65°C	
Storage Humidity	10%~95%RH	
Vibration	10~500Hz, 1.0mm, 15 minutes(for X、 Y、 Z each axis)	
Tcase	+90°C	
<b>SAFETY&amp;EMC</b>		
Safety Standard	Design refer to UL8750,CSA C22.2 NO.250.13,CSA C22.2 NO.207-15	
Dielectric Strength (Hi-Pot)	I/P-O/P	1.8KVAC/5mA/1min
	I/P-Case	1.8KVAC/5mA/1min
Insulation Resistance	100MΩ / 500VDC/ 1min	
Grounding Resistance	≤0.5Ω	
EFT	2kv on AC power line	
Surge	2kv(L-N) 4kv(L-GND, N-GND) (IEC61000-4-5)	
<b>OTHERS</b>		
MTBF	200Khrs.MIL-HDBK-217F(25°C )	
LIFE TIME	50,000 hours at Tc ≤ 80°C maximum case hot spot temperature	
Dimensions	160.6*46.5*35mm / 6.32"x1.83x1.38"(L*W*H)	
Weight	0.4kg	
Outer Box Specifications	383*355*130mm / 15.08"x13.98"x5.12"(L*W*H) / 42pcs/ctn	

Information provided is subject to change without notice.

Total 3 layer, each layer 14 pcs / G.W18kg / N.W17kg(1±10%)

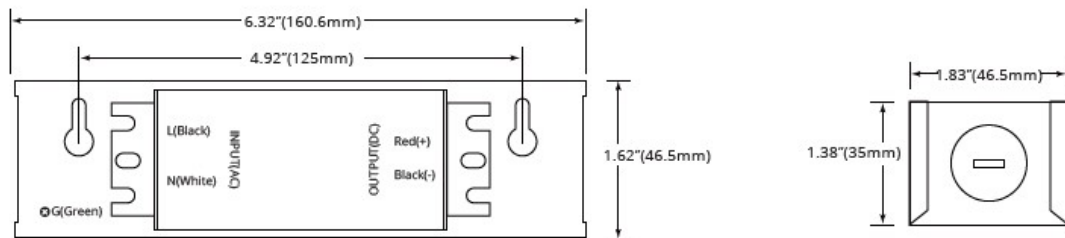
## Wire Diagram

### LED Electronic Dimmable Driver 60W Constant Voltage Class 2

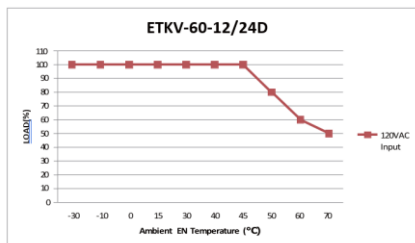


## Dimensions

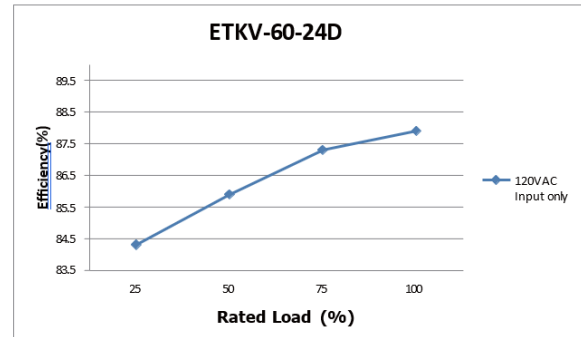
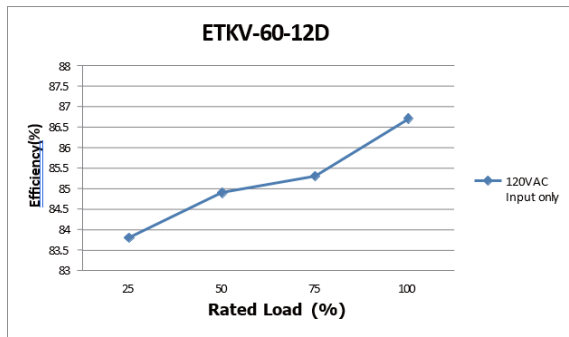
Unit:inch&mm



## Derating Curve



## Power Factor Characteristic



## Attentions

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- Please ensure that the ground wire is properly grounded and switch off the main power before installation.
- Please make the power supply installed in a well-ventilated place, to ensure that the environment temperature is appropriate.
- Do not overload the power supply with multiple luminaries.
- Please do not touch the metal shell surface to avoid high temperature scald.
- Dimmable LED drivers should not be installed in areas with high magnetic fields.
- Do not attempt to repair without authorization. Please contact the supplier if you have any questions.
- To be installed by a certified electrician only. Please read and follow the instructions carefully before installing. Ensure all contact points are connected firmly.