



# JS LED<sup>®</sup>

ECO Lighting Technology and Solutions



## LED Driver

Model No. MJ-24300 (5D)



 **IP67 CE RoHS**

## Features

- IP67 design for indoor or outdoor installations
- Protections: Short circuit / Overload/Over temperature
- Cooling by free air convection
- 100% full load burn-in test
- IP67 waterproof
- Meet the standard of world lighting safety
- Suitable for LED lighting
- Certification: UL
- Dimmable: Triac, ELV, MLV, 0-10V, PWM dimming

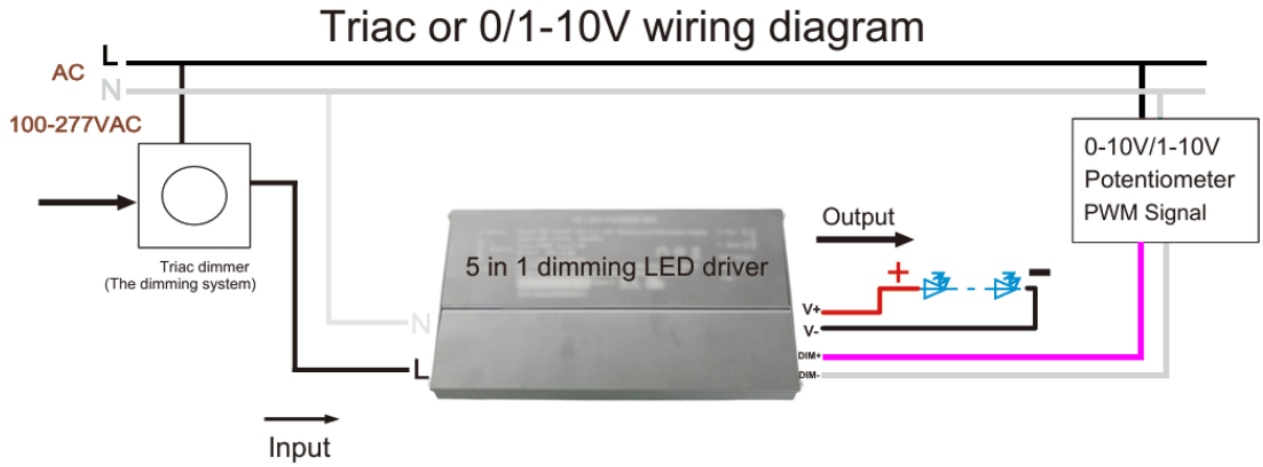


MODEL		MJ-24300 (5D)				
OUTPUT	DC VOLTAGE	24V				
	RATED CURRENT	12.5A				
	CURRENT RANGE	0~12.5A				
	RATED POWER	300W				
	RIPPLE & NOISE (max.) <sup>NOTE 2</sup>	250mV				
	VOLTAGE TOLERANCE <sup>NOTE 3</sup>	±2%				
	LINEAR REGULATION	±1%				
	LOAD REGULATION	±2%				
INPUT	VOLTAGE RANGE	100-277VAC				
	FREQUENCY RANGE	50 ~ 60Hz				
	POWER FACTOR (Typ.)	PF>0.98/110VAC				
	EFFICIENCY (Typ.)	90%				
	AC CURRENT (Typ.)	3.05A/110VAC				
	Dimmable	Triac,ELV,MLV,0-10V,PWM dimming				
PROTECTION	Short circuit	Protection type : recovers automatically after fault condition is removed				
	Overload	Hiccup,recovers after fault condition is removed				
	Over temperature	Protection type : Shut down o/p voltage, re-power on to recover				
ENVIRONMENT	WORKING TEMP.	-30 ~ +50°C (Refer to output load derating curve)				
	WORKING HUMIDITY	20 ~ 99% RH non-condensing(Waterproof)				
	STORAGE TEMP., HUMIDITY	-40 ~ +80°C , 10 ~ 99% RH				
SAFETY & EMC	SAFETY STANDARDS	UL				
	WITHSTAND VOLTAGE	I/P-O/P:3.75KVAC/1min/5mA;I/P-GND:2KVAC/1min/5mA				
	EMC Test Standards	EN55015 : 2013;EN61547 : 2009; EN61000-3-2:2014; EN61000-3-3:2013				
NOTE	<p>1. All parameters NOT specially mentioned are measured at 110VAC input, rated load and 25°C of ambient temperature.</p> <p>2. Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf &amp; 10uf parallel capacitor.</p> <p>3. Tolerance : includes set up tolerance, line regulation and load regulation.</p>					

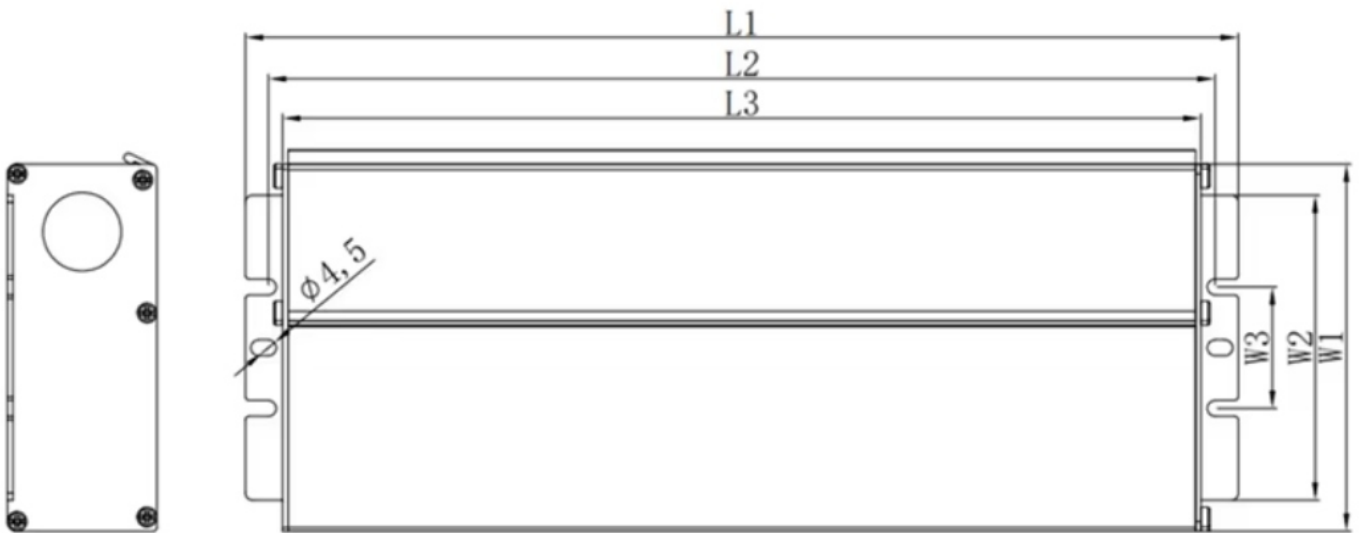


DIMENSION	10.43*4.13*1.77"
CARTON QUANTITY	10PCS/Carton
CARTON SIZE	11.61*9.06*15.94"
WEIGHT	16.7Kg/G.W

## Installation



## Mechanical Specification



MODEL	L1	L2	L3	W1	W2	W3	H
MV300	10.43	9.72	9.41	4.13	3.37	1.34	1.77

Unit:Inch