

Constant Voltage Electronic Phase Dimmable LED Driver | Multi-Channel

P/N: EZJ

EZJ-BOX SERIES contains 2-3 drivers and is horizontally or vertically mounted.

The EZ-JUNCTION BOX (EZJ-BOX) SERIES features select Magnitude Class 2, electronic LED drivers integrated into a simple surface mounted, multi-channel junction box making it the perfect product for multi-output needs in tape lighting, tube lighting, linear lighting and multiple other residential and commercial lighting applications. The high-quality metal, UL Listed junction box includes multiple 7/8" knock-outs and comes pre-wired for quick and easy installation.

The EZJ-BOX | E-SERIES uses Magnitude's E-Series electronic Class 2, phase dimmable LED driver and is available in a 2 or 3 channel configurations. The driver features auto reset, over current and short circuit protection as well as an efficiency over 90% resulting in low operating case temperature. The E-SERIES is phase dimmable down to 1% with leading edge TRIAC dimmers.

Installation: Integrated Junction Box with Multiple 7/8" Knock-outs

Driver Type: Class 2 Multi-Channel

Dimming: Phase Dimmable Down to 1% with leading edge TRIAC Dimmer

Input Voltage: 120VAC, 50/60Hz

Output Voltage: 12VDC or 24VDC

Environmental: Dry

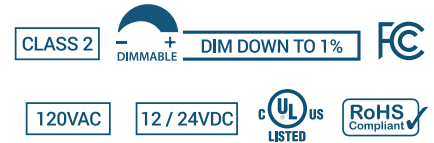
Listing: UL Listed

Certifications: UL8750 CSA C22.2 No. 250.13-17

Warranty: 5-Year Warranty



11.00" L x 12.00" W x 2.13"H



E-SERIES is also available in:

- E-SERIES UL LISTED
- E-SERIES UL RECOGNIZED
- JB-SERIES

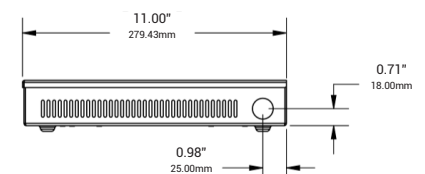
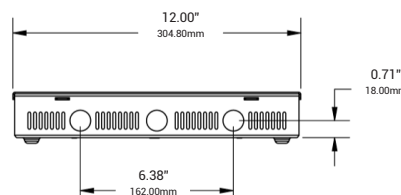
Refer to Magnitudeinc.com for more details.

Ordering Guide Example: EZJ120L12

EZJ L

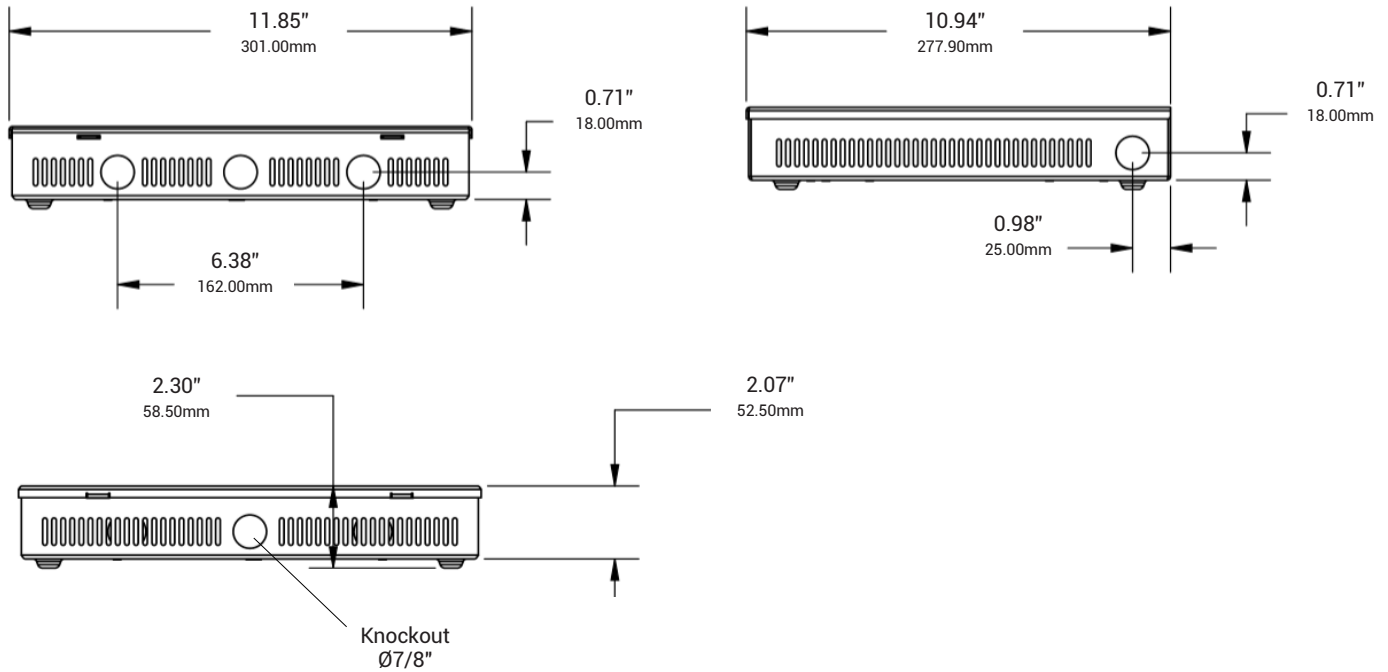
TYPE	MAX POWER	LISTING	OUTPUT
EZJ – EZJ-BOX (E-SERIES)	120 – 120W (60W X 2)	L – UL Listed Junction Box	12 – 12VDC
	180 – 180W (60W X 3)		
	192 – 192W (96W X 2)		
	288 – 288W (96W X 3)		

DIMENSIONS	
LENGTH	11.00" (279.4mm)
WIDTH	12.00" (304.8mm)
HEIGHT	2.13" (54.1mm)



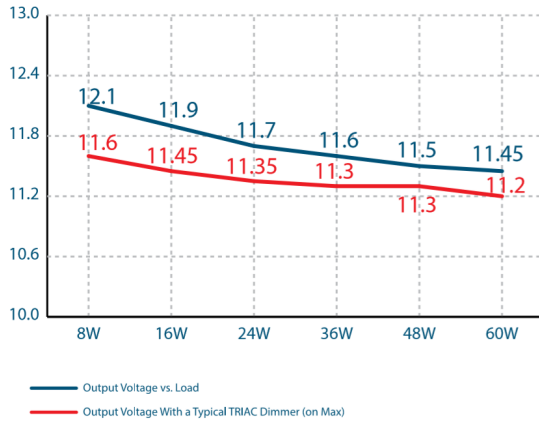
Specifications

INPUT				
Input Voltage Range	120VAC ± 10%			
Input Frequency	50 / 60Hz	50 / 60Hz	50 / 60Hz	50 / 60Hz
Input Current	1.22 Max	1.83 Max	1.70 Max	2.55 Max
Efficiency	> 90%	> 90%	> 90%	> 90%
Power Factor	.95	.95	.95	.95
OUTPUT PER CHANNEL				
Max Load	120W	180W	192W	288W
Output Voltage @ Max Load	12.0 VDC	12.0 VDC	24.0VDC	24.0VDC
Output Current @ Max Load	5A	5A	4.16A	4.16
ENVIRONMENTAL				
Operating Temperature	-30°C - +50°C (-22°F - 122°F)			
DIMMING				
Minimum Dimming Level	1%	1%	1%	1%
PROTECTION				
Circuit Breaker	Short circuit & over-voltage auto-reset			
MECHANICAL HOUSING				
Primary Leads	Terminal Block	Terminal Block	Terminal Block	Terminal Block
Secondary Leads	Terminal Block	Terminal Block	Terminal Block	Terminal Block
Length	11.00" (279.4mm)	11.00" (279.4mm)	11.00" (279.4mm)	11.00" (279.4mm)
Width	12.00" (304.8mm)	12.00" (304.8mm)	12.00" (304.8mm)	12.00" (304.8mm)
Height	2.13" (54.1mm)	2.13" (54.1mm)	2.13" (54.1mm)	2.13" (54.1mm)
Weight	7.27lbs	7.27lbs	7.27lbs	7.27lbs
Housing Material	Galvanized Steel	Galvanized Steel	Galvanized Steel	Galvanized Steel
Housing Color	White	White	White	White
Junction Box	Yes	Yes	Yes	Yes
Mounting	Four hole flange mount			
APPROVAL MARKINGS				
Certificates / Approval Signs	UL8750 Class 2	UL8750 Class 2	UL8750 Class 2	UL8750 Class 2

Mechanical Diagram
60Wx3 EZJBOX


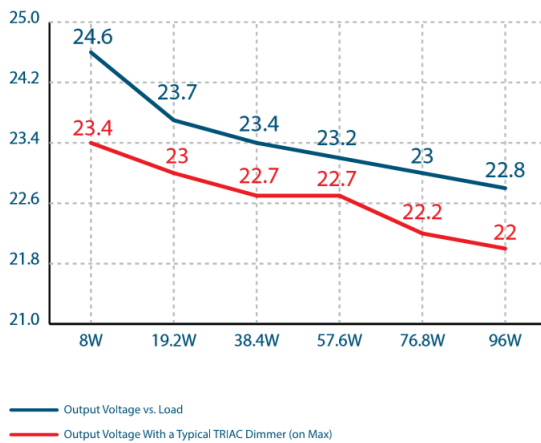
Output vs Load (Per Channel)

60W (12VDC)



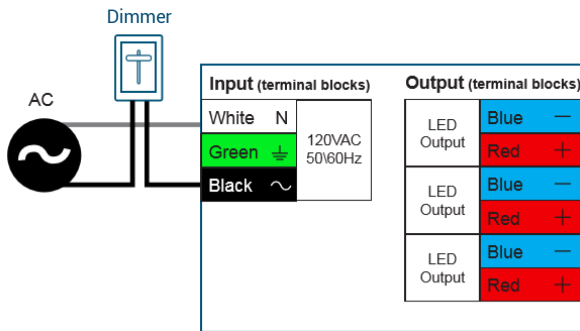
Output vs Load

96W (24VDC)



Wiring Diagram

12VDC OUTPUT



24VDC OUTPUT

