

Driver240-1M24V

LED Waterproof Constant Voltage Driver



Product Feature

- Wide input voltage with active PFC,full loading output
- Ultra-thin design,save install space
- Adapt to the harsh working environment
- Isolated design, safe and reliable
- Protections: overload, over temperature short circuit, lightning protection etc.
- Conformed with CE/CB/CCC/SELV certification.
- The typical efficiency up to 93.5%
- Protect level IP67
- Warranty 5 Years



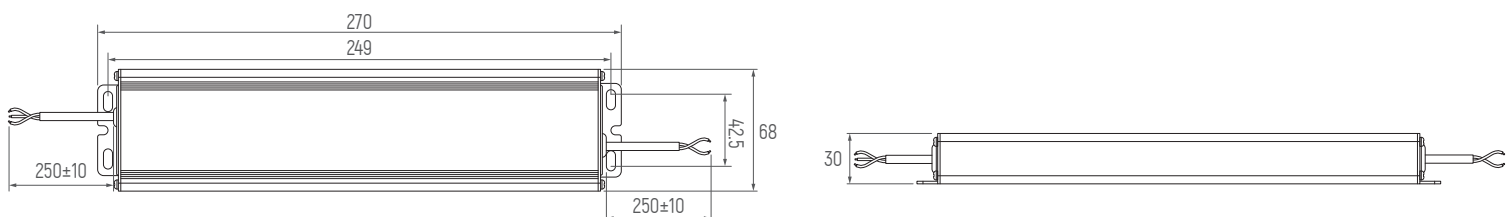
Application



Technical Parameters

Model	Driver240-1M24V	
Input	Efficiency	93.5%@230VAC, Full load
	Voltage	100VAC-240VAC
	Frequency	47-63Hz
	Power Factor	>0.95
	THD	<10%230VAC, Full load
	Current	3.2Amax@230VAC
	Inrush Current	Cold start <50A @230VAC(full load)
Output	Current/Voltage/Power	10A/24VDC/240W
	Ripple Current	<240mVp-p
	Channel	1
	Voltage Tolerance	±5%
Protection	Short Circuit	Auto recovery when failure is removed
	Over Voltage	<28VDC Shut down the output, After restart recovers automatically
	Over Current	<13A auto recovery when failure is removed
Safety & EMC	Surge	L-N:2kV,L,N-FG:4kV
	Withstand Voltage	I/P-O/P:3000VAC/5mA I/P-FG:1500VAC/5mA O/P-FG:500VAC/5mA
	Safety Standards	IEC/EN61347-1,IEC/EN61347-2-13,GB19510.1,GB19510.14
	EMC Eission	EN50515,EN61000-3-2 Class C,IEC61000-3-3
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11 EN61547,GB17625.1
Others	Working Temp.	-25°C~+50°C
	Storage Temp.; Humidity	-40°C~85°C, 20-90%RH
	Tc	90°C
	Material	Metal
	IP Rating	IP67
	Lifetime	50,000h@tc:90°C
	Warranty Condition	5 years
	Switch Cycle	>25,000 times
	Packing Size	Net weight: 1055g±5%/PCS; 20PCS/Carton; 26.1kg±5%/Carton; Carton Size: 355*290*180mm(L*W*H)
	Dimension	270*68*30mm(L*W*H)

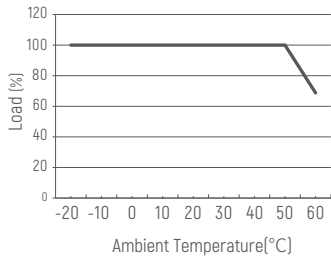
Dimension(mm)



Wiring Diagram

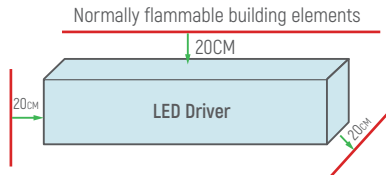


Derating Curve



Cautions

- 1 This product should cut off the input voltage and installed by a professional.
- 2 Make sure that the output voltage and current of the power supply must meet the specifications of the lamp before installation.
- 3 It is waterproof IP67,do not soak in water for a long time when using.
- 4 The driver should be installed in a well space and environment.
- 5 The sectional area of the conductor wire which connect to the driver and lamp should be enough (Recommended less than 4A/mm²).
- 6 Make sure all connections are correct and secure before powering up.
- 7 If break down during use,it must be repaired by a professional or contact the supplier.



The external flexible cable or cord of this luminaire cannot be replaced; if the cord is damaged, the luminaire shall be destroyed.

※ The contents of this manual are updated without prior notice. If the function of the product you are using is inconsistent with the instructions, the function of the product shall prevail. Please contact us if you have any questions.