

# DALI Waterproof Dimmable CV LED Power Supply



## Features:

1. Constant voltage design (Constant Voltage Mode)
2. Universal AC input
3. Sealed inside with plastic irrigation. Conform with IP67 rating
4. Withstand 300VAC surge input for 5 seconds
5. Built-in Protections: Short circuit/Overload
6. Cooling by free air convection
7. 100% full load burn-in test
8. High performance

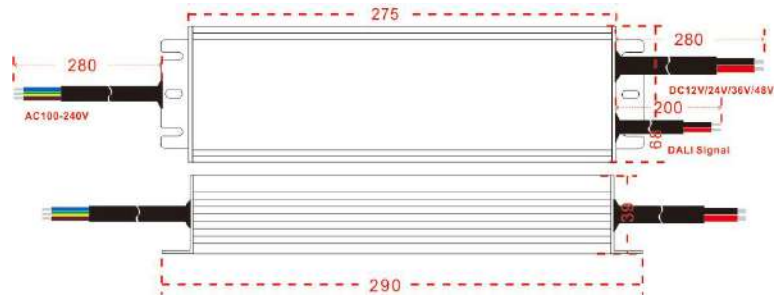
This certification icon is in progress, and the final product shall prevail

CE CB  FC  RoHS SELV  IP67

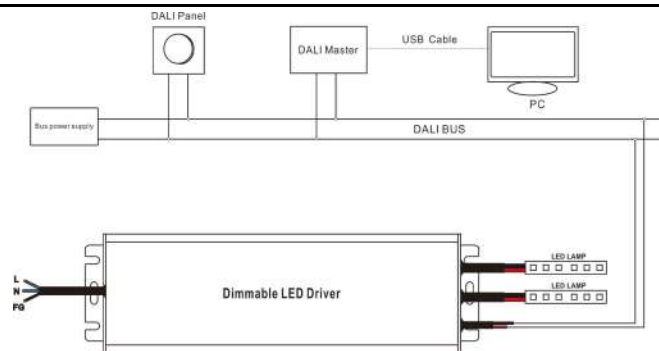
Model No.:		PV-24300DT(DALI)
Output	Rated Output Voltage	24V
	Output current Range	0-12.5A
	Rated Output Power	300W
	Output Voltage Precision	±3%
	Output Ripple and Noise	240mVP-P
	Load Regulation	±2%
	Start/Rise Time	<1000ms/230VAC
	Retention Time	20ms/230VAC
Input	Input Voltage Range	100-240VAC
	Input Frequency Range	50-60HZ
	Power Efficiency	>92%
	PF	> 0.95
	THD	115Vac@THD < 10%, 230Vac@THD < 20%, 264Vac@THD < 20% (Full Load)
	Standby Power	< 0.5W
	Leak Current	< 0.7mA/230VAC
Protection	Overload Protection	When the load current exceeds 110-150% of the output current, the power supply will enter protection state. Protection Mode: Cut-off output. Turn off power for 15 seconds, and then turn on the power again to resume work
	Short Circuit Protection	Protection Mode: Cut-off output mode. When the short-circuit fault is removed, and the power supply will resume working
Working Environment Protection	Working Temperature	-40°C~70°C (Pls refer to "Derating Curve")
	Storage Temperature	-40°C~80°C
	Ingress Protection Rating	90%RH non condensing, refer to IP67
	Shockproof Character	10-500HZ,2G 10min/1cycle,period for 60min,each along X,Y,Z axes
	Temperature Coefficient	±0.03%/°C (0-50°C)
Security Features	Security Standard	IEC 61347-2-13 2014+A1 IEC 61347-1 2015+A1
	Withstand Voltage	I/P-O/P:3.75KVAC,I/P-FG:2KVAC,O/P-FG:1.5KVAC
	Insulation Resistance	I/P-O/P:> 100M Ohms/500VDC/25°C/70% RH
	EMC	EN55015 EN 61000-3-2:2014 EN 61000-3-3:2013
Others	Wires	Input: 《VDE》 H05RR-F 300/500V 3x1.0mm <sup>2</sup> L=300mm Output: 《VDE》 H05RR-F 300/500V 2x1.5mm <sup>2</sup> x2 L=300mm DALI Signal: 《VDE》 H05RR-F 300/500V 2x0.75mm <sup>2</sup> L=200mm
	Outer Size	290*73*45mm(L*W*H)
	Weight/PCS	1700g

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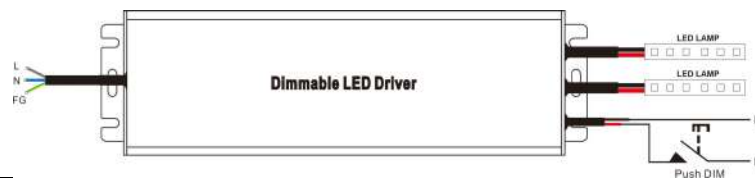
## Outer Size (mm):



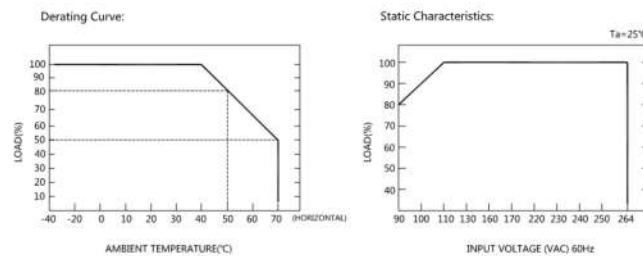
## DALI Dimming Wiring Application Diagram:



## PUSH Wiring Application Diagram:



## Graph:



## Packaging Specification:

1. Unit Packing: 10 PCS/CTN
2. Carton size: 33.5\*32\*22cm
3. G.W./CTN: 18.5KG

## Note:

1. Load short circuit and overload will cause power protection and cause the power supply to not work normally.
2. The connection line between the power supply and the load should be as short as possible. Too long or too thin connection line

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will cause voltage drop on the line, and too thin connection line will easily cause hidden dangers in safety.

3. Please install the power supply in a well-ventilated place to ensure good ventilation and heat dissipation of the power supply.
4. Live wiring is prohibited. After checking and confirming that the wiring is correct, check that there is no short circuit, and then