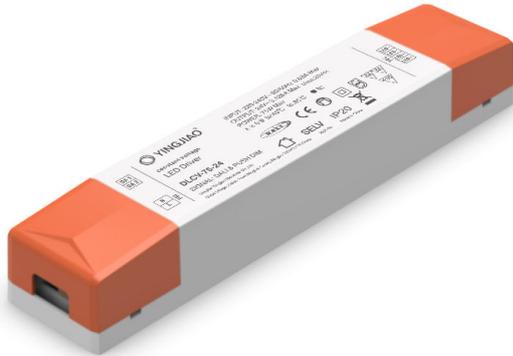


**DLCV-75 SERIES**



**Input: 220-240V 50/60Hz**  
**Output Voltage: 12V,24V**  
**Rated Power: 75W max**

**Features**

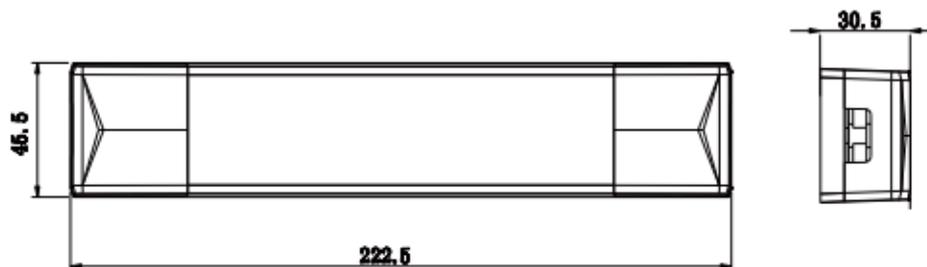
- Class II, SELV, Independent Power Supply
- DALI-2&PUSH(2 in 1) Dimmable
- Dimming range: 1-100%
- Fully-protected plastic housing with design of dismountable end cover.
- ERP :EU2019/2020
- Protection: Short circuit / Overload / Over voltage
- Warranty for 5 years



**Application**

- LED strips
- LED indoor lighting
- LED decorative lighting
- LED building lighting

**■ Dimensions and Installation**



**DLCV-75 SERIES**

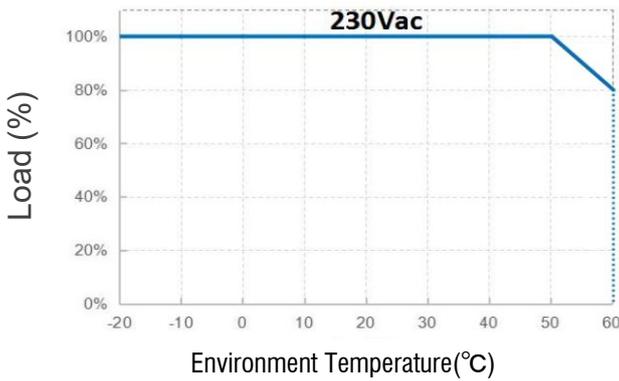
MODEL DETAIL SPEC.		DLCV-75-12		DLCV-75-24	
INPUT	Input Voltage:	220-240VAC			
	Range of Input Voltage:	176-264VAC			
	Input Frequency:	50/60Hz			
	Input Current:	0.65AMAX@Full Load			
	Inrush Current:	Cold start 30Aat 230Vac			
	Leakage Current:	< 0.5mA/240VAC			
	THD (Full load):	< 25%			
	Efficiency:	87%			
	Displacement factor:	≥0.9			
	Power Factor:	≥0.95@Full Load 220-240VAC			
	Start-up time:	<0.5S			
	No Load Power:	≤0.5W			
	Standby Power:	≤0.5W			
	Network standby power	≤0.5W			
OUTPUT	DC Voltage:	12V		24V	
	Rated Current(Max):	5A	6.25A	2.5A	3.125A
	Rated Power(Max):	60W	75W	60W	75W
	Voltage Tolerance:	±5%			
	Ripple and Noise:	400mVp-p	400mVp-p	400mVp-p	400mVp-p
	Output HF current ripple(>1KHz):	±1%			
	Output LF current ripple(<120Hz):	±1%			
	SVM:	≤0.4			
	Pst:	≤1			
Dimming	Dimming mode	DALI-2 IEC 62386-101,102,207 & Push Dimming (Corridor Function)			
	Dimming depth	1%			
	Dimming current range	1-100%			
	PWM Resolution	16 bit			
ENVIRONMENTAL	Operating Temperature Ta:	-20°C ~ +40°C			
	Storage Temp:	-30°C ~ +65°C			
	Maximum Case Temperature Tc :	+85°C			
	Humidity:	20 ~ 95% RH			
	Lifetime:	≥50,000h@Tc=75°C, full load			
PROTECTION	Over Load:	105-150%			
		Yes/Auto Restore			
	Over Voltage:	≥12.6VDC		≥25.2VDC	
		Protection type: Auto Restore			
	Short Circuit:	Yes , Protection type: Auto Restore			
Over Temperature Protection	Yes , Protection type: Auto Restore				
SAFETY & EMC	Safety Regulations:	EN61347- 1;EN61347-2- 13, EN62384;EN55015			
	Withstand Voltage:	I/P-O/P:3750VAC			
	EMC Immunity:	EN61000-4-2,3,4,5,6,8,11, EN61547			
OTHER	Material and SizeSize:	PC,222.5*45.5*30.5mm±1mm			
	IP Grade:	IP20			

**DLCV-75 SERIES**

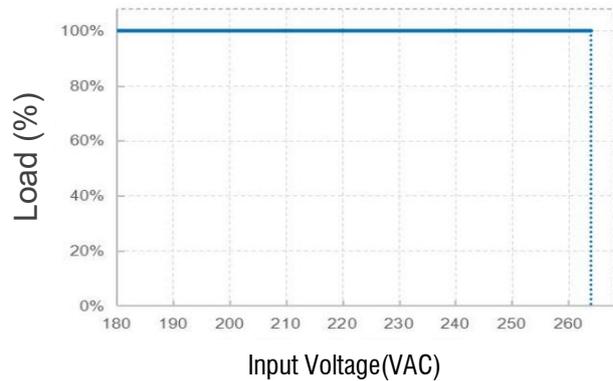
**Note:**

1. All parameters not specially mentioned are measured at 230VAC input, full load and 25°C of ambient temperature.
2. Ripple & Noise are measured at 20MHz of bandwidth by using a 300mm twisted pair-wire terminated with a 0.1uF & 47 uF parallel capacitor.
3. The DC input for this product is only used for emergency lighting and applies to functional and safety requirements, EMC is not considered.

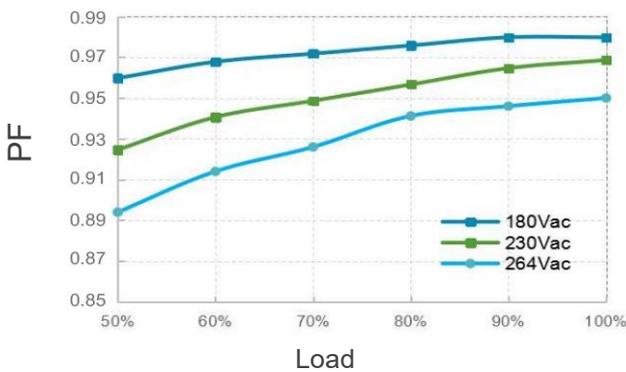
**Deduction Curve and Temperature**



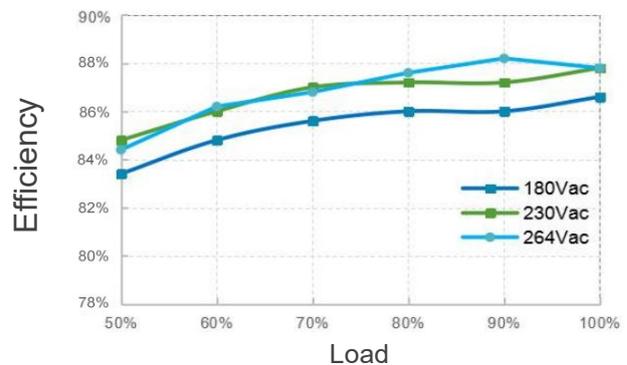
**Minus Output and Input Voltage Curves**



**Power Factor (PF) Curves**

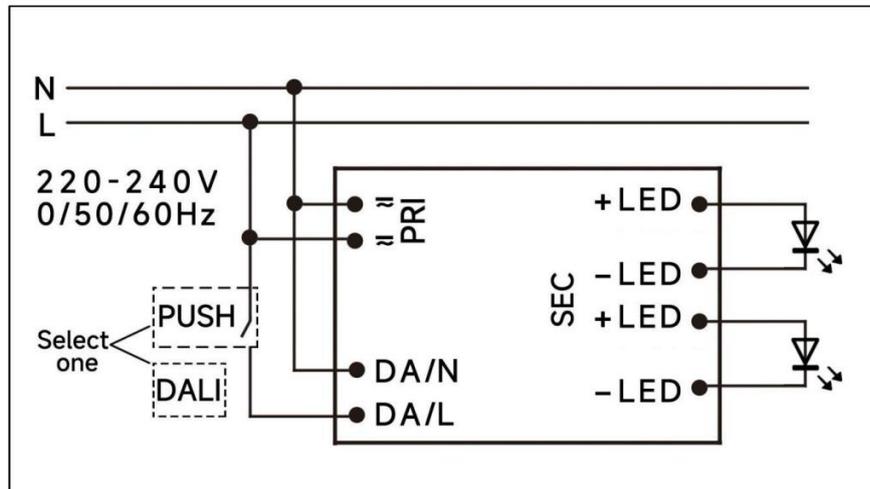


**Efficiency Vs Load**



## DLCV-75 SERIES

### Wiring Diagram



### Wiring & Connections

Specification item		Value (Unit )
Input	Input wire cross-section	0.5...1.5 mm <sup>2</sup>
	Input wire gauge.	16...20 AWG
	Input wire strip length	7...9mm
Output	Output wire cross-section	0.5...1.5 mm <sup>2</sup>
	Output wire gauge.	16...20 AWG
	Output wire strip length	7...9mm

#### Manufacturer's address:

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Tel: +86-574-87563856

<https://www.yingjiaodriver.com>