

## 1、Product overview:



The casing structure is designed reasonably and can be installed inside and outside.

Isolation design,

Flicker free,

High efficiency,

Supports leading edge and trailing edge dimmers,

Have good compatibility with dimmers.

Suitable for class II lamps,

Warranty: 5 Years

Certificates: CE,CB,RCM,MM,RoHS

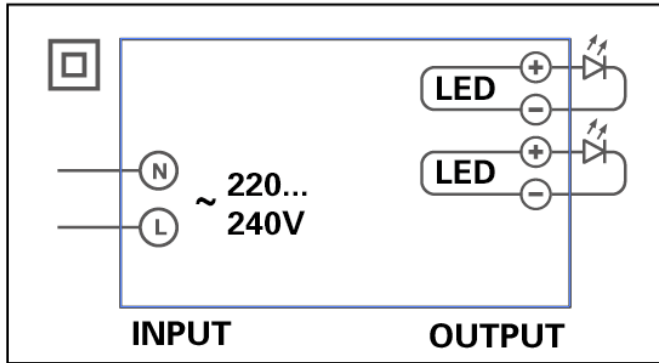
## 2、Parameters

Model		HYL-030Q24G150	HYL-075Q24G250	HYL-150Q24G280
Output	Output Voltage	24VDC	24VDC	24VDC
	Output Current	1.25A Max	3.12A Max	6.25A Max
	Output Power	30W	75W	150W
	Voltage Accuracy	24±1V	24±1V	24±1V
	Started Delay Time	< 1S@230VAC	< 1S@230VAC	< 1S@230VAC
	Ripple voltage	< 5 % (100 Hz)	< 5 % (100 Hz)	< 5% (100 Hz)
Input	Nominal voltage	Rate voltage: 220-240VAC, input voltage range: 198-264VAC		
	Input frequency	50/60Hz@220-240VAC		
	Input current	0.15A	0.40A	0.80A
	Power factor	≥0.95@230VAC	≥0.97@230VAC	≥0.97@230VAC
	Total Harmonic Distortion (THD)	≤10%@230VAC	≤10%@230VAC	≤10%@230VAC

	Efficiency	≥84@230VAC	≥87@230VAC	≥90@230VAC
	Inrush current	< 12A	< 24A	< 50A
	No-load power	< 2W	< 3W	< 4W
Dimming	Dimming range	5-100%	5-100%	5-100%
	Dimming type	Phase cut dimming	Phase cut dimming	Phase cut dimming
	Dimming frequency	3KHz	3KHz	3KHz
Protection	OVP	YES	YES	YES
	OLP	110%-150%	110%-150%	110%-150%
	OTP	YES	YES	YES
	SCP	YES	YES	YES
	OCP	YES	YES	YES
Environment	Ambient temperature range $t_a$	-20...+45°C	-20...+45°C	-20...+45°C
	Storage temperature range	-40...+85°C	-40...+85°C	-40...+85°C
	IP rating	IP20		
lifetime	50000H	@230VAC, $t_a=45^\circ\text{C}$		
Safety standards	Withstand Voltage	I/P-O/P: 3.75KVac, <100mA 60S; 符合 GB19510.14-2009& GB19510.1-2009		
	Insulation resistance	I/P-O/P,I/P-FG,O/P-FG: 500VDC,Bisic insulation>2MΩ&Reinforced insulation>4MΩ, GB19510.14-2009& GB19510.1-2009		
EMC	EMS	A temporary decrease or short interruption in voltage, conform to GB/T 17626.11		
		Electrostatic discharge, conform to GB/T17626.2		
		Group of pulse, conform to GB/T17626.4		
		Lighting surge, conform to GB/T17625.5		
	EMI	>3db, conform to GB 17743		

Other	Size	198*43*30mm	298*43*30mm	328*43*30mm
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### 3、Wiring Diagram



### 4、Dimension, Drawing Diagram

