

product picture



Product name: UL ultra-thin power

Type: ☒ Isolation ☐ Non-isolation

Product model: KA1224USD01

Installation method: ☒ External ☐ Built-in

Product code:

Input voltage: ☒ Wide voltage ☐ Narrow voltage

Certification: UL\CE\FCC

Product channel: ☒ Self-made ☐ OEM

Output method: ☒ Constant voltage drive ☐ Constant current drive ☐

Constant power drive ☒ Intelligent dimming ☐ Multi-channel output ☒

Main features of the product:

- 1.Ultra-thin volume of 15mm, with a wide range of application scenarios
- 2.With overload, overvoltage, overtemperature, open circuit, short circuit protection
- 3.High efficiency, less heat generation, and long life.

input parameter	Input voltage	AC100-240V 50/60Hz
	Input power	28W±5% 2.0A/100V AC
	Power factor	PF:0.5 2.0A/100V AC
	Power efficiency	≥85% 2.0A/100V AC
	Dimming mode	Comes with 3P, 4P interface; compatible with most dimmers
Output parameters	Full load voltage	12V±3% 2.0A/100V AC
	Output current	MAX:2.0A
	No-load voltage	12V±3%
	Output power	24W±3% 2.0A 100V AC
	Output Load adjustment rate	<3%
	Input linear adjustment rate	<3%
	Turn on Delay Time	<1.0S 2.0A 100V AC

Protection characteristics	Short circuit protection	☒ Yes; stop working, automatically rel
	Open road protection	☒ Yes;
	Overload protection	☒ Yes;>2.4A hiccup, automatically
	Surge protection	☒ 1000V
Environmental Science	Working environment temperature	☒ -15~40°C 20~90%RH
	Waterproof grade	☒ IP20
security	Absolute green resistance	>100MΩ
	Dielectric strength	☒ 3000V input to output
Conforming to	safety standards	UL1310;UL8750
	EMC	EN IEC 55015:2019+A11:2020
Packing	Size	125*50*15mm
	Enclosure	UL1.5米+8tail0.5mm² power cord
	Pack	A4A13 aircraft box
Life	Warranty	3 years

Precautions:

- 1.Normal use environment: -15~40°C. 20~90%RH
2. Product storage environment: -40 ~ +50°C, 10 ~ 75% RH
3. Power off during installation, select a light source with matching voltage, connect the load first, then power on.

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ARTCILUXLED Power Supply Specification			Version number: V0	
			Department: Technica	
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		Product model: KA2424USD01	Installation method: ☒ External ☐ Built-in	
		Product code:	Input voltage: ☒ Wide voltage ☐ Narrow voltage	
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		Output method: ☒ Constant voltage drive ☐ Constant current drive ☐ Constant power drive ☒ Intelligent dimming ☐ Multi-channel output ☐		
		Main features of the product:		
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	Input power	28W±5% 1.0A/100V AC		
	Power factor	PF:0.5 1.0A/100V AC		
	Power efficiency	≥85% 1.0A/100V AC		
	Dimming mode	Comes with 3P, 4P interface; compatible with most dimmers		
Output parameters	Full load voltage	24V±3% 1.0A/100V AC		
	Output current	MAX:1.0A		
	No-load voltage	24V±3%		
	Output power	24W±3% 1.0A 100V AC		
	Output Load adjustment rate	<3%		
	Input linear adjustment rate	<3%		
	Turn on Delay Time	<1.0S 1.0A 100V AC		
Protection characteristics	Short circuit protection	☒ Yes; stop working, automatically rel		
	Open road protection	☒ Yes;		
	Overload protection	☒ Yes; hiccups occur at ≥1.2A and are		
	Surge protection	☒ 1000V		
Environmental Science	Working environment temperature	☒ -15~40℃ 20~90%RH		
	Waterproof grade	☒ IP20		
security	Absolute green resistance	>100MΩ		
	Dielectric strength	☒ 3000V input to output		
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