

Indoor LED Driver Grow Light 800W IP67 For Healthy Plant Growth

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: ANROFU
- Certification: CE ROHS FCC ETL DLC
- Model Number: USP-800-54-BA
- Minimum Order Quantity: 1
- Delivery Time: 3-5 working days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 10000pcs per day



Product Specification

- Warranty: 5 Years
- Output Voltage: 30-56VDC
- Dimensions: 420mm X 90mm X 45mm
- Application: Commercial Greenhouses, Grow Tents, Vertical Farms, And Indoor Gardens.
- Ip Rating: IP67
- Output Current: 0-16.7A
- Input Voltage: 120-277VAC
- Dimmable: 0-10V Dimming
- Highlight: **Indoor LED Driver Grow Light,
LED Driver Grow Light 800W,
LED Driver Grow Light IP67**

Product Description

800W Top-Performing LED Grow Light Driver For Healthy Plant Growth

Product Description:

The LED Grow Light Driver is designed with an IP67 rating, ensuring that it is resistant to dust and water. This makes it suitable for use indoors, providing you with the flexibility to grow your plants wherever you choose.

Whether you are a beginner or an experienced grower, the LED Grow Light Driver is an essential tool to help you achieve the best possible results. It provides a stable power supply to your LED grow light, ensuring that your plants receive the right amount of light to promote healthy growth.

The LED Grow Light Driver is easy to install and use. Simply connect it to your LED grow light and power source, and you're ready to go. It is also energy efficient, helping you to reduce your energy consumption and save money on your electricity bill.

Overall, the LED Grow Light Driver is a must-have for any indoor or outdoor gardening setup. Its compact size, versatile output, and IP67 rating make it a reliable and durable choice for any grower. So if you're looking for a high-quality LED Grow Light Driver, look no further than this product!

Technical Parameters:

MODEL		USP-800-54	USP-800-54-B	USP-800-54-BA	NOTE
INPUT	VOLTAGE	120~277VAC	120~277VAC	120~277VAC	
	FREQUENCY	50~60Hz	50~60Hz	50~60Hz	
	MAXIMUM INPUT CURRENT	8.2A	8.2A	8.2A	
	INRUSH CURRENT	≤80A	≤80A	≤80A	
	STANDBY POWER CONSUMPTION	≤3w	≤3w	≤3w	
	POWER FACTOR	≥0.98(120Vac) ≥0.98(230Vac) ≥0.97(277Vac)	≥0.98(120Vac) ≥0.98(230Vac) ≥0.97(277Vac)	≥0.98(120Vac) ≥0.98(230Vac) ≥0.97(277Vac)	Full-load
	THD	≤6.0%(120Vac) ≤6.0%(230Vac) ≤9.0%(277Vac)	≤6.0%(120Vac) ≤6.0%(230Vac) ≤9.0%(277Vac)	≤6.0%(120Vac) ≤6.0%(230Vac) ≤9.0%(277Vac)	Full-load
OUTPUT	VOLTAGE RANGE	30~56V	30~56V	30~56V	
	CURRENT RANGE	Max 16.7A	0~16.7A	0~16.7A	
	MAXIMUM NO-LOAD VOLTAGE	≤58V	≤58V	≤58V	
	EFFICIENCY	≥90.0% @120Vac ≥92.0% @230Vac ≥93.0% @277Vac	≥90.0% @120Vac ≥92.0% @230Vac ≥93.0% @277Vac	≥90.0% @120Vac ≥92.0% @230Vac ≥93.0% @277Vac	Full-load
	CURRENT ACCURACY	±5%	±5%	±5%	The actual±3%
	RIPPLE VOLTAGE	±1% max 2%	±1% max 2%	±1% max 2%	Full-load
	RIPPLE CURRENT	±5% max 10%	±5% max 10%	±5% max 10%	
	TURN ON TIME	≤2S	≤2S	≤2S	
	LINEAR ADJUSTMENT RATE	±1%	±1%	±1%	

	LOAD REGULATION	±3%	±3%	±3%	The actual±2%
AUXILIARY POWER SUPPLY (OPTIONAL)	OUTPUT VOLTAGE	/	/	12.8V±10%	
	OUTPUT(CURRENT)	/	/	300mA±5%	

✧ Dimming Performance (three-in-one dimming)

PARAMETER		LEAST VALUE	TYPICAL CASE	CREST VALUE	NOTE
0-10V DIMMING (OPTIONAL)	APPLIED PRESSURE	0V	0-10V	15V	Over 15V may cause the internal components of the power supply to burn out, and the function of the power supply is abnormal
	THE DIMMING RANGE	8%	10-100%	100%	DIM + comes with an output of 100 uA current
	PUSH THE DIMMING VOLTAGE	0.8V	1-10V	10V	DIM + and DIM-no output
RESISTANCE DIMMING (OPTIONAL)	EXTERNAL LIGHT ADJUSTMENT RESISTANCE	8K Ω	0-100KΩ	100KΩ	90 K Ω above is 100% output
	THE DIMMING RANGE	8%	10-100%	100%	DIM + comes with 100 uA constant flow output
PWM AIMING (SELECTABLE)	PWM HIGH LEVEL	9.5V	9.6-10V	10.5V	Dimmer PWM high level maximum
	PWM LOW LEVEL	0V	0-0.35V	0.5V	Dimmer PWM low level maximum
	THE PWM DIMMING FREQUENCY SEGMENT	500Hz	1KHz	2KHz	Best job at 1 KHz
	PWM DUTY CYCLE	7%	10-100%	100%	DIM + and DIM-no output
	THE DIMMING RANGE	8%	10-100%	100%	DIM + comes with 100 uA constant flow output
THE DIMMING SHUT DOWN	TURN OFF THE VOLTAGE	5%	6%	7%	According to the voltage, PWM, resistance ratio
	CUT-IN VOLTAGE	6%	7%	8%	

Note: 1. When using PWM or voltage dimming, please note that the dimmer controller is set at 10% to the lowest dimming value, and be set to close below 10%, and the lower limit is not lower than 8%! For other dimming methods, please also refer to this method.

2. When the resistance is used for parallel dimming (parallel light modulation), the number of parallel units is: N, then the resistance for dimming~is: 90 KΩ / N, and the dimming resistance value must be greater than the calculated value, then 8%~100% dimming can be realized.

3. When the dimmer is used for dimming, when 20% of the power is input, the power supply may have slight noise and

water ripple phenomenon. At this time, the power supply enters the light load and high efficiency frequency jump mode, which is a normal phenomenon.

Support and Services:

The LED Grow Light Driver is a high-performance driver designed to power LED grow lights for indoor horticulture applications. Our technical support team is available to assist you with any questions or issues you may have with the product, including:

Installation and setup

Troubleshooting

Product compatibility

Warranty information

And more

In addition to technical support, we also offer services such as:

Custom product design and development

Product testing and certification

On-site consultation and training

And more

Our goal is to ensure that our customers have a positive experience with our LED Grow Light Driver and are able to achieve the best possible results with their indoor gardening projects.

ANROFU Shenzhen Hanyuan Intelligent Technology Co., Ltd.



+86 15017943686



wanghaiyan@anrofu.com



growled-light.com

3 Floor No.70,Zhulong Load, Fourth Industrial Shiyan Street Bao'An District Shenzhen City,Guangdong,China