



## Industrial Power Supply 120-370VDC Input Voltage 24W Output Power Lightweight Design

Our Product Introduction

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### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: KRONZ
- Certification: CE
- Model Number: PRP30-12A40
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: Box Packing
- Delivery Time: 5-8 working days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 10000 pieces per month



### Product Specification

- Input Current: 0.9A (115VAC) ; 0.5A (230VAC)
- Output Power: 24W
- Power-down Hold Time: 12ms (115VAC) ; 60ms (230VAC)
- Input Frequency: 47~63Hz
- Weight: 115g
- DC Input Voltage: 120~370VAC
- AC Input Voltage: 85~264VAC
- Ripple (20MHz) : Max. 120mV
- Highlight: **24W Industrial Power Supply ,  
Lightweight Industrial Power Supply ,  
370VDC Industrial Power Supply**



**Product Description:**

The Industrial Power Supply is a reliable and efficient power solution designed for industrial applications. This power supply unit features a robust DC/DC Converter that provides a stable output voltage of 12V at a current of 2A, making it suitable for powering a wide range of industrial equipment and devices.

With an input voltage range of 85-264VAC, this Industrial Power Converter is versatile and can be used in various industrial settings without the need for additional adapters or converters. The wide input voltage range ensures compatibility with different power sources commonly found in industrial environments.

One of the key features of this Switching Power Supply (SMPS) is its excellent load regulation, with a deviation of only  $\pm 1.5\%$  at 230VAC input. This high level of load regulation ensures that the connected devices receive a consistent and reliable power supply, helping to prevent voltage spikes or drops that could potentially damage sensitive equipment.

In terms of electrical performance, this Industrial Power Supply boasts a low ripple of maximum 80mV at 20MHz. The low ripple ensures that the output voltage remains stable and free from any unwanted fluctuations or noise, providing a clean power source for critical industrial applications.

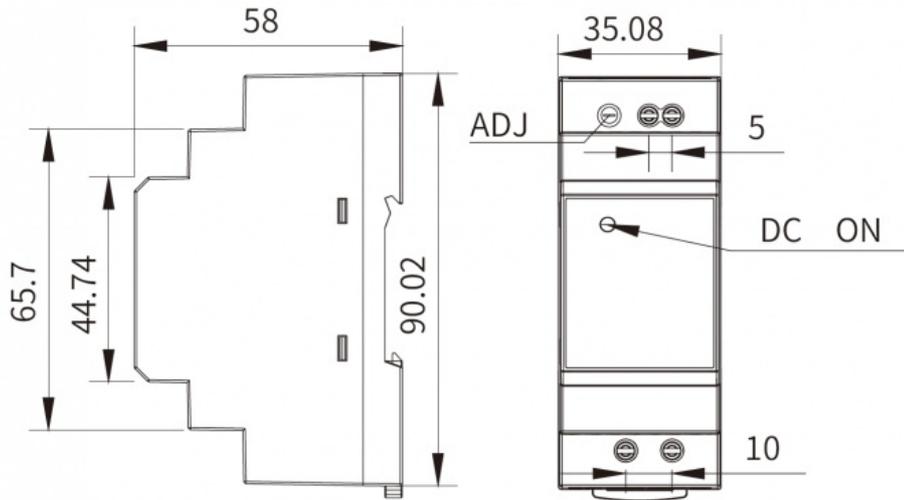
Despite its powerful performance, the Industrial Power Supply is lightweight, weighing only 115g. This compact and lightweight design makes it easy to install and integrate into industrial systems without adding unnecessary bulk or weight.



Technial Data	
Model number for ordering	PRP30-12A40
Output power	24w
Nominal output voltage & current	12V/2A
Adjustable output voltage range (ADJ)	10.8~13.8
Efficiency (230VAC, %/ Typ.)	88

Maximum capacitive load (μF)	6000
<b>Input characteristics</b>	
AC Input voltage	85~264VAC
DC Input voltage	120~370VDC
Input current	0.9A (115VAC) ; 0.5A (230VAC)
Input frequency	47~63Hz
<b>Output characteristics</b>	
Output voltage accuracy	±2%
Load regulation	±1.5% (230VAC)
Ripple (20MHz )	Max. 120mV
Power-down hold time	12ms (115VAC) ; 60ms (230VAC)
<b>Generic features</b>	
Operating temperature	-40~+70°C
Weight	115g
Safety standards	UL/IEC62368-1,IS13252(Par1)&EN62368-1,EN61558-1/-2-16,BS EN 62368-1

### Dimension:



Unit: mm



## Applications:

KRONZ Industrial Power Supply is a reliable and efficient product designed for a wide range of industrial applications. With its exceptional performance and durability, this power supply is suitable for various occasions and scenarios.

Product Application Occasions and Scenarios:

1. **Factory Automation:** The KRONZ Industrial Power Supply is ideal for powering machinery and equipment in automated manufacturing processes. Its stable output voltage accuracy of  $\pm 2\%$  ensures consistent and reliable operation of sensitive devices.
  2. **Industrial Control Systems:** The Industrial AC/DC Power Supply is perfect for use in industrial control systems where a reliable and continuous power source is essential for smooth operation. Its high supply ability of 10000 pieces per month ensures availability for large-scale installations.
  3. **DC/DC Converter Applications:** The KRONZ Industrial Power Supply can be used in various DC/DC converter applications to convert and regulate voltage levels efficiently. Its maximum capacitive load of 12000 $\mu$ F makes it suitable for powering a wide range of electronic devices.
  4. **Harsh Environments:** With an operating temperature range of  $-40\sim+70^{\circ}\text{C}$ , this power supply is well-suited for use in harsh industrial environments where temperature fluctuations are common. Its robust design ensures reliable performance even in challenging conditions.
  5. **OEM Projects:** The KRONZ Industrial Power Supply is an ideal choice for OEM projects requiring a high-quality power source. Its CE certification guarantees compliance with international safety standards, making it a reliable option for various industrial applications.
- Whether you need a power supply for factory automation, industrial control systems, DC/DC converter applications, harsh environments, or OEM projects, the KRONZ Industrial Power Supply is a versatile and dependable choice. With a minimum order quantity of 1 and flexible payment terms including T/T, Western Union, and MoneyGram, acquiring this product is convenient and hassle-free. Order now and experience the superior performance and reliability of the KRONZ Industrial Power Supply. With box packing for packaging details and a delivery time of 5-8 working days, you can quickly integrate this power supply into your industrial operations.

## Support and Services:

Our Industrial Power Supply product comes with comprehensive Product Technical Support and Services to assist you with any queries or issues you may encounter. Our dedicated team of experts is available to provide technical assistance, troubleshooting guidance, and product information to ensure that your power supply operates efficiently and effectively.

Our services include product installation support, maintenance advice, firmware updates, and warranty assistance. We are committed to delivering reliable and responsive technical support to meet your needs and help you maximize the performance of your Industrial Power Supply.

# KRONZ

KRONZ is a manufacturing enterprise located in Zengcheng District, Guangzhou City. We focus on providing customers with high-efficiency industrial automation solutions and related industrial products. After many years of innovation and development, KRONZ has complete product processing equipment and a professional team who are proficient in various automation technologies.

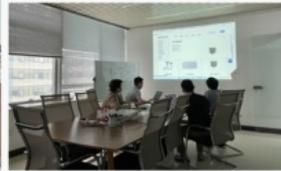
In order to improve the quality of products and production efficiency, we continue to introduce advanced production equipment and technology, strengthen investment in research and development. At present, our main products include Industrial Connectors, Inductive Sensors, Capacitive Sensors, Photoelectric Sensors, Ultrasonic Sensors, Industrial power supplies, Industrial fieldbus, RFID recognition systems, Industrial Ethernet Switches

We not only produce the orders of standard products, but also have ability to make customize production based on customer design drawings or samples.

Adhering to the principle of mutual benefit, we provide our customers with competitive prices, and perfect after-sales service. KRONZ's products have been sold in multiple countries, have won the trust and praise of customers. KRONZ expect to collaborate with you.



## OUR FACTORY



## Certifications



### Packing and Shipping:

Product Packaging:

The Industrial Power Supply is carefully packaged in a sturdy cardboard box to ensure safe delivery. The product is wrapped in protective foam and includes a user manual for easy installation.

**Shipping:**

Orders for the Industrial Power Supply are processed within 24 hours of purchase. We offer standard and expedited shipping options to suit your needs. All shipments are tracked for your convenience, and we provide timely updates on the delivery status.

# Logistics and Payment



1. Samples and small orders can be shipped with fast shipment method, by air and by express. Bulk order will ship by sea, by air, by train, by truck etc.
2. We also can send the goods to your agent warehouse.
3. If you need any more shipping method, please feel free to contact with us.



**FAQ:**

- Q: What is the brand name of the Industrial Power Supply?**  
A: Our brand is KRONZ.
- Q: Where is the Industrial Power Supply manufactured?**  
A: Our factory are located in Guangdong, China.
- Q: What certifications does the Industrial Power Supply have?**  
A: CE, UL and ROHS
- Q: What are the accepted payment terms for purchasing the Industrial Power Supply?**  
A: T/T, Western Union, and MoneyGram.
- Q: What is the minimum order quantity for the Industrial Power Supply?**  
A: Our stand products do not have MOQ, except OEM and ODM production.



#### Note:

Due to the wide range of our products, we cannot list all product pictures and corresponding product parameters. If you have other needs, please communicate with me. We can provide supplementary information and technical support.  
We Are Happy to Serve You.



## **KRONZ** Kronz (guangzhou) Electronics Co., Ltd.

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