



## 12V 90W Din Rail Mout Industrial Power Supply with Black Plastic Housing Max.120mV

Our Product Introduction

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### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: KRONZ
- Certification: CE
- Model Number: PRP100-12A40
- 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

KRONZ



### Product Specification

- Maximum Capacitive Load ( $\mu$ F): 10000
- Input Frequency: 47~63Hz
- Weight: 235g
- Efficiency (230VAC, %/ Typ.): 88
- Ripple (20MHz ): Max. 120mV
- Load Regulation:  $\pm 1.5\%$  (230VAC)
- Adjustable Output Voltage Range(ADJ): 12.0-13.8
- Output Voltage&Current:12V/7.5A

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### Product Description:

The Industrial Power Supply is a reliable and efficient product designed to meet the power needs of various industrial applications. This Industrial Power Converter is equipped with advanced features to ensure stable and consistent power output, making it an essential component for industrial systems.

With a load regulation of  $\pm 1.5\%$  at 230VAC, this Industrial Power Converter provides precise and accurate power delivery, ensuring that your equipment operates smoothly and efficiently. Whether you are powering sensitive machinery or heavy-duty equipment, this switching power supply (SMPS) offers the reliability and performance required in industrial settings.

Weighing only 235g, this Industrial Power Supply is lightweight and compact, making it easy to install and integrate into your existing setup. Despite its portability, this power supply unit delivers robust performance and can handle demanding industrial loads with ease.

The adjustable output voltage range (ADJ) of 12.0-13.8 gives you flexibility in powering different components within your industrial system. Whether you need to power sensitive electronics or high-power devices, this Industrial Power Converter allows you to customize the output voltage to meet your specific requirements.

Operating at an input frequency of 47~63Hz, this Industrial Power Supply is designed to work seamlessly with a wide range of power sources, ensuring compatibility and reliability in diverse industrial environments. Whether you are operating in regions with varying power frequencies or dealing with unstable power inputs, this power supply unit can adapt and deliver consistent performance.

With a maximum capacitive load of 10000 $\mu$ F, this Industrial Power Converter can handle high-capacitance loads without compromising on performance or efficiency. Whether you are dealing with power surges or fluctuations, this power supply unit can maintain stable output voltage, protecting your equipment and ensuring continuous operation.

In conclusion, the Industrial Power Supply is a versatile and dependable solution for powering industrial systems. With its precision load regulation, adjustable output voltage range, lightweight design, and robust performance capabilities, this switching power supply (SMPS) is an essential component for industrial applications that demand reliability, efficiency, and flexibility.

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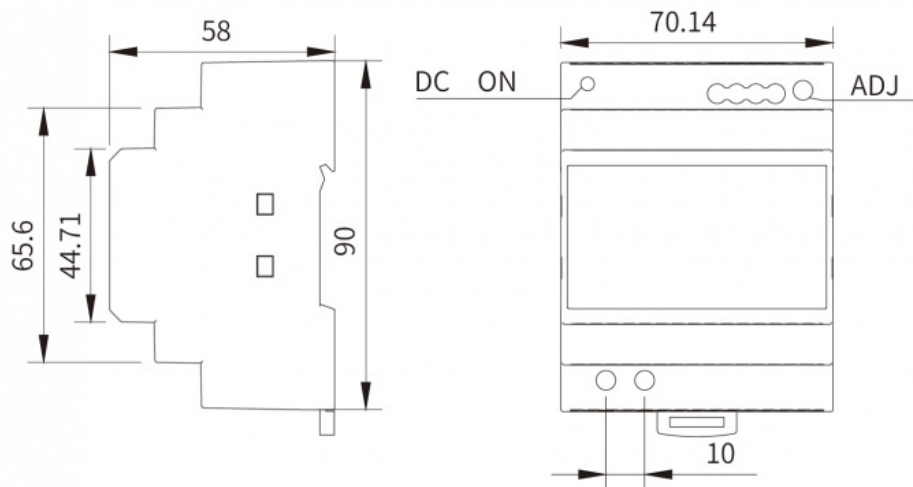




Technial Data	
Model number for ordering	PRP100-12A40
Output power	90w
Nominal output voltage & current	12V/7.5A
Adjustable output voltage range (ADJ)	12.0~13.8
Efficiency (230VAC, %/Typ.)	88
Maximum capacitive load (μF)	10000
Input characteristics	
AC Input voltage	85~264VAC
DC Input voltage	120~370VDC
Input current	3.0A (115VAC) ; 1.6A (230VAC)
Input frequency	47~63Hz
Output characteristics	
Output voltage accuracy	±2%
Load regulation	±1.5% (230VAC)
Ripple (20MHz )	Max. 1120mV
Power-down hold time	30ms (230VAC)
Generic features	

Operating temperature	-40~+70°C
Weight	235g
Safety standards	UL/IEC62368-1,IS13252(Par1)&EN62368-1,EN61558-1/-2-16,BS EN 62368-1

## Dimension:



Unit: mm

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## Applications:

KRONZ Industrial Power Supply is a versatile and reliable product suitable for a wide range of applications across various industries. With a brand name that signifies quality and performance, this power supply is designed to meet the demanding requirements of modern industrial settings.

Manufactured in Guangdong, China, this Industrial Power Supply carries the prestigious CE certification, ensuring compliance with international standards for safety and quality. With a low minimum order quantity of just 1 unit, it is accessible to both small businesses and large corporations alike. The price of this power supply is negotiable, offering flexibility for different budget constraints.

Whether you need a High Voltage Power Supply, DC/DC Converter, or general power conversion solutions, the KRONZ Industrial Power Supply delivers with an output power of 90W and output voltage/current of 12V/7.5A. Its wide DC input voltage range of 120~370VAC makes it suitable for various industrial environments.

With a maximum capacitive load of 10000 $\mu$ F, this power supply can handle demanding loads with ease. The impressive efficiency of 88% at 230VAC ensures that energy is utilized efficiently, helping to reduce operational costs in the long run. When it comes to packaging and delivery, the KRONZ Industrial Power Supply is carefully packed in boxes to ensure safe transit. Orders are typically delivered within 5-8 working days, meeting urgent project timelines. For payment convenience, multiple options are available including T/T, Western Union, and MoneyGram. With a robust supply ability of 10000 pieces per month, you can rely on consistent availability of this essential industrial component.

## ABOUT US

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



## Support and Services:

Our Industrial Power Supply product comes with comprehensive technical support and services to ensure optimal performance and reliability. Our team of experts is available to provide assistance with installation, troubleshooting, and maintenance to help you get the most out of your power supply.

## Packing and Shipping:

Product Packaging and Shipping:

This Industrial Power Supply is carefully packaged to ensure safe delivery to your location. Each unit is securely placed in a sturdy cardboard box with protective foam inserts to prevent any damage during transit.

For shipping, we partner with reliable courier services to deliver your order in a timely manner. You will receive a tracking number once your package is dispatched so you can monitor its journey to you.

# 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.



**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.



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