



Max. 120mV Ripple Industrial Power Supply for and 47-63Hz Input Frequency

Our Product Introduction

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: KRONZ
- Certification: CE
- Model Number: PRP100-15A40
- 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

- Efficiency (230VAC, %/ 89 Typ.):
- Ripple (20MHz): Max. 120mV
- Safety Standards: UL/ IEC62368-1, IS13252(Par1)&EN62368-1, EN61558-1/ -2-16, BS EN 62368-1
- Power-down Hold Time: 30ms (230VAC)
- Maximum Capacitive Load (μ F): 6400
- Output Voltage&Current: 15V/6.5A
- Input Current: 3.0A (115VAC) ; 1.6A (230VAC)
- Load Regulation: $\pm 1.5\%$ (230VAC)



Product Description:

The Industrial Power Supply is a high-quality and reliable power solution designed for industrial applications. This DC/DC Converter delivers a stable output voltage of 15V and a current of 6.5A, making it suitable for powering a wide range of industrial equipment and machinery.

When it comes to safety standards, this Industrial Power Supply meets stringent requirements including UL/IEC62368-1, IS13252(Part1), EN62368-1, EN61558-1/-2-16, and BS EN 62368-1. These certifications ensure that the power supply complies with international safety regulations, giving you peace of mind when using it in your industrial environment.

One of the key features of this Industrial Power Supply is its excellent output voltage accuracy of $\pm 2\%$. This means that you can rely on a precise and consistent voltage output for your sensitive industrial equipment, helping to prevent any potential damage or malfunctions. In terms of ripple, this power supply offers a maximum of 120mV at 20MHz, ensuring a clean and stable power output that is essential for the proper functioning of industrial machinery. The low ripple factor helps to minimize interference and noise, providing a smooth power supply for your equipment.

When it comes to input current, the Industrial Power Supply requires 3.0A at 115VAC and 1.6A at 230VAC. This efficient power consumption ensures that the power supply operates effectively while minimizing energy wastage, making it a cost-effective solution for industrial settings.

Overall, the Industrial Power Supply is a top-of-the-line power converter that delivers reliable performance, safety, and efficiency for industrial applications. With its robust design and adherence to international safety standards, this power supply is a dependable choice for powering your industrial equipment with precision and stability.

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Technial Data	
Model number for ordering	PRP100-15A40
Output power	97.5w
Nominal output voltage & current	15V/6.5A
Adjustable output voltage range (ADJ)	13.5~18.0
Efficiency (230VAC, %/ Typ.)	89
Maximum capacitive load (μF)	6400
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. 120mV
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

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Applications:

KRONZ Industrial Power Supply is a versatile and reliable product that caters to a wide range of applications across various industries. With its exceptional quality and performance, this switching power supply (SMPS) is well-suited for demanding industrial environments. Product Application Occasions and Scenarios:

Factory Automation: The KRONZ Industrial Power Supply is ideal for powering automated machinery and equipment in manufacturing facilities. Its stable output voltage accuracy of $\pm 2\%$ ensures consistent and uninterrupted operation.

Industrial Control Systems: Whether it's for PLCs, sensors, or control panels, this power supply unit offers excellent load regulation of $\pm 1.5\%$ at 230VAC, making it a reliable choice for industrial control applications.

Telecommunications Infrastructure: In the telecommunications sector, where reliable power supply is crucial, the KRONZ Industrial Power Supply delivers with its power-down hold time of 30ms at 230VAC, ensuring seamless performance even during power outages.

Test and Measurement Equipment: For accurate and precise measurements, this power supply unit with an AC input voltage range of 85~264VAC is a perfect fit for various test and measurement instruments.

Security Systems: From access control systems to surveillance cameras, the KRONZ Industrial Power Supply provides a stable power source for essential security equipment, offering peace of mind in critical security applications.

With its CE certification and high-quality components, the KRONZ Industrial Power Supply guarantees reliability and safety in diverse industrial settings. The product's lightweight design, weighing only 235g, makes it easy to install and transport.

Customers can benefit from the flexibility of ordering as low as 1 unit, with a negotiable price and convenient payment terms such as T/T, Western Union, and MoneyGram. The packaging details include box packing for secure transportation, and the product can be delivered within 5-8 working days from the order date.

Moreover, with a supply ability of 10000 pieces per month, businesses can rely on the KRONZ Industrial Power Supply to meet their industrial power supply needs consistently and efficiently.

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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 Product Technical Support and Services to ensure smooth operation

and optimal performance. Our expert technicians are available to assist with any technical inquiries, troubleshooting, and product-related issues. Additionally, we offer maintenance services, product upgrades, and training programs to help you maximize the benefits of our Industrial Power Supply product.

Packing and Shipping:

Product Packaging:

The Industrial Power Supply is carefully packaged in a sturdy cardboard box to ensure safe transportation. The power supply is securely cushioned with foam inserts to prevent any damage during transit. Each unit is also wrapped in plastic for added protection against moisture and dust.

Shipping:

We offer reliable shipping options for our Industrial Power Supply product. Orders are typically processed within 1-2 business days and shipped via trusted carriers such as UPS or FedEx. Customers will receive a tracking number to monitor the delivery status of their package. We take great care in packing and labeling each shipment to guarantee a smooth and timely delivery process.

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.



CONTACT US

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