

## Medium Frequency Induction Melting Power Supply High Power Saving

### Our Product Introduction

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#### Basic Information

- Place of Origin: China
- Brand Name: huarui
- Certification: patent; national testing report; quality management system
- Model Number: to be negotiated
- Minimum Order Quantity: 1 set
- Price: to be negotiated
- Packaging Details: waterproof
- Delivery Time: 30~40 days
- Payment Terms: T/T; L/C
- Supply Ability: 1000000 sets/year



#### Product Specification

- Type: Medium Frequency
- Maintenance: Low
- Safety: High
- Failure: Low
- Noise: Low
- Power Saving: High
- Efficiency: High
- Highlight: Medium Frequency Induction Melting Power Supply  
, KGPS Induction Melting Power Supply



## Product Description

### Product Description:

Our Power supply for induction melting furnace system includes thyristor KGPS Induction Furnace with triple voltage, thyristor serial-connected resonant medium frequency power supply and new generation IGBT transistor medium frequency power supply.

Thyristor KGPS Induction Furnace with triple voltage is based on the working principle of medium frequency melting furnace. It utilizes a three-phase bridge fully controlled rectifier circuit to convert alternating current into direct current, then a single-phase inverter bridge is applied to invert the direct current into a single-phase medium frequency current with a certain frequency (usually 1000 to 8000Hz).

The medium frequency power supply adopts a digital control system. All calculation and processing of various signals and actions are conducted automatically. In comparison to the traditional sub-relay control circuits, the digital control system is more reliable and efficient, which reduces the equipment failures caused by poor contact of relay and maintenance costs.

### Features:

KGPS bias voltage technology is a new type of energy-saving power supply with several advantages. It melts quickly and consumes low power, resulting in energy saving. Load voltage can be raised to a triple value higher than ordinary series, meanwhile, load loss is accordingly reduced. The technology it adopts is mature and it offers stable and reliable performance with a low failure rate. Maintenance is very simple with low cost, and there is no difference in operation action from the ordinary ones.

Comparatively, faster melting speed can be expected to a satisfied value and the overall efficiency can be greatly improved as well. Input voltage need not be increased, however, the load voltage can be increased ranging from 2400V to 2600V. Its running result is lower load loss and considerable electricity cost saving.

### Technical Parameters:

Induction melting furnace power supply, thyristor type serial-connected resonance medium frequency type (8 tons), as for other data of other capacity (tons), please check other pages in our this website.

Characteristic	Description
Type	GW8.0-4800-0.3S
Rated capacity (T)	8.0
Rated power (KW)	4800
rated frequency (HZ)	300
power supply (V)	575x4
inlet current (A)	1200x4
medium frequency voltage (V)	2800
load type	One power supply cabinet drives one induction furnace
adapted transformer (KVA)	5000

### Applications:

Huarui company achieves a leading quality position in induction furnace power supply by offering an efficient, low-maintenance and high-safety solution for induction melting. The power supply equipment is certified by patent, national testing report and quality management system. You can purchase it with a model number to be negotiated and with a minimum order quantity of 1 set, the price can be negotiated according to customers' needs. Packaging is waterproof for safe delivery, it can be delivered within 30-40 days after payment. Huarui provides a supply ability of 1,000,000 sets per year, and we can accept T/T and L/C as payment terms for your option. The power supply is of medium frequency type and it features high efficiency, low noise and high safety.

### Customization:

Induction Furnace Power Supply

Huarui Induction Furnace Power Supply is designed to provide power for induction melting with a high power saving rate, high efficiency, low maintenance, low failure rate and low noise.

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Model Number: To be negotiated

Place of Origin: China

Certification: Patent; National testing report; Quality management system

Minimum Order Quantity: 1 set

Price: To be negotiated

Packaging Details: Waterproof

Delivery Time: 30~40 days

Payment Terms: T/T; L/C

Supply Ability: 1000000 sets/year

Perfect for induction melting, Huarui Induction Furnace Power Supply is your ideal choice for induction furnace melting system,

## Support and Services:

Induction Furnace Power Supply Technical Support and Service

We provide technical support and service for Induction Furnace Power Supply. Our team of experienced technicians can help you with selecting the right model, providing installation guidance, troubleshooting and ensuring optimal performance for the equipment. We also offer training to ensure that our customers can get the most benefit out of our equipment.

We have a team of factory-trained technicians on hand to provide prompt and effective assistance when necessary. We also have a comprehensive online knowledge base and a range of helpful resources to provide assistance with installation, troubleshooting, and maintenance.

We are committed to providing the best possible customer service. Our technical support team is available 24/7 to answer your questions and provide assistance. We also offer a range of extended warranty options to ensure your equipment is always operating at its best performance.



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