

## Medium Frequency Induction Furnace Power Supply High Safety Low Failure

### 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

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



## Product Description

### Product Description:

Why we suggest you choose our induction melting furnace system, please check the followings:

#### 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.

#### Details of Thyristor KGPS Induction Furnace with triple voltage:

The working principle of Medium Frequency Melting Furnace is a circuit that utilizes a three-phase bridge fully controlled rectifier circuit to convert alternating current into direct current. Then, a single-phase inverter bridge is used to invert the direct current into a single-phase medium frequency current with a frequency of 1000-8000Hz.

#### Characteristics of Medium Frequency Power Supply:

The control system is fully digital. The calculation and processing of various signals and the execution of all actions are automatically carried out according to the set program. This eliminates the need for sub-relay control circuits, thus avoiding equipment failures caused by poor contact of relay contacts.

### Features:

KGPS bias voltage technology is a type of energy-saving power supply that provides several advantages. Firstly, it has a fast melting speed while consuming low energy. By increasing the load voltage to 2400V-2600V, its load loss is minimized. Additionally, the technology is reliable and has a low failure rate. Thus, it is simple and convenient for maintenance and does not need a high cost. For its operation, it is similar with the ordinary thyristor equipment.

The advantage of KGPS bias voltage technology is not only its low power consumption. It can increase the load voltage to three times higher than before, resulting in a lower load loss and electricity consumption. Moreover, due to its improved efficiency, melting speed has been greatly improved under the same power if it is compared to ordinary KGPS equipment.

### Technical Parameters:

Aluminum Shell Induction melting furnace power supply, thyristor type serial-connected resonance medium frequency type, (3 tons), as for other data of other capacity (tons), please check other pages in our this website.

Characteristic	Description
Type	GW3.0-2250-0.3S
Rated capacity (T)	3.0
Rated power (KW)	2250
rated frequency (HZ)	300
power supply (V)	575x2
inlet current (A)	1125x2
medium frequency voltage (V)	2800
load type	One power supply cabinet drives two induction furnaces
adapted transformer (KVA)	2500

### Applications:

The **Huarui Induction Furnace Power Supply** is an ideal choice for precision casting foundry, melting and heat treatment industry. It is a highly reliable and cost-effective medium frequency power supply with high efficiency and power saving. Our power supply equipment can be provided with many patents, national testing report and quality management system certification, guaranteeing its safety and durability. It has a minimum order quantity of 1 set and the price is negotiable according to the customer's requirements. The product is waterproof and it can be delivered within 30~40 days after payment. Huarui company can provide a supply ability of 1000000 sets per year. It is a perfect solution for melting, hardening and tempering furnaces.

### Customization:

#### Customized Power Supply for Induction Furnace

Brand Name: Huarui

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

Safety: High

Noise: Low

Power Saving: High

Efficiency: High

Type: Medium Frequency

Our power supply for induction melting system is designed for high safety, low noise, high power saving and high efficiency. It is suitable for induction melting furnace system.

### Support and Services:

#### Induction Furnace Power Supply Technical Support and Service

We understand the importance of providing reliable and effective technical support and service for our customers. That's why we strive to provide the best possible service for our induction furnace power supply products. We offer comprehensive technical support and service for our customers, which includes:

24/7 customer service support

Free telephone and email technical support

On-site installation and maintenance

Regular product updates and upgrades

Guaranteed repair and replacement of defective parts

We take pride in the quality of our products and our commitment to customer satisfaction. We are dedicated to providing the best service and support for our customers and their induction furnace power supply needs.



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