

4000KVA Induction Furnace Power Supply Induction Melting Low Noise

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
- Noise: Low
- Failure: Low
- Type: Medium Frequency
- Safety: High
- Maintenance: Low
- Efficiency: High
- Highlight: **Induction Melting Induction Furnace Power Supply**
, 4000KVA Induction Furnace Power Supply



Product Description

Product Description:

If you come to our factory to know about our induction melting furnace system in details, you will not hesitate to choose our equipment. [Our Power Supply for Induction Melting Furnace System](#)

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 principle of medium frequency melting furnace is a circuit that makes use of a three-phase bridge fully controlled rectifier circuit to convert alternating current to direct current. After that, a single-phase inverter bridge can be used to transform the direct current into an electric current with single-phase medium frequency and with a certain frequency (generally 1000-8000Hz).

[Characteristics of Medium Frequency Power Supply](#)

The control system is completely digital. All signals and actions are automatically calculated and processed according to the predetermined program. By using digital control system to replace sub-relay control circuits, the chances of equipment failures due to poor contact of relay are greatly minimized.

Features:

KGPS bias voltage technology is a kind of high-efficiency electricity-saving power supply, which brings several main advantages. Firstly, it features fast melting, energy-saving and low power consumption. Secondly, it can significantly increase the load voltage to 2400V-2600V, reducing the load losses and the electricity consumption. Thirdly, it has mature technology with stable and reliable performance, low failure rate. Fourthly, maintenance of the system is simple and convenient, resulting in low maintenance cost. Finally, it is easy to operate with no difference in operation from ordinary thyristor equipment.

KGPS bias voltage technology has a perfect matching effect between load voltage and melting speed. It employs the triple voltage to higher the load voltage, significantly reducing load losses and electricity consumption. At the same time, this technology has improved the entire machine's efficiency, leading to a faster melting speed without increasing the input voltage.

Technical Parameters:

Aluminum Shell Induction melting furnace power supply, thyristor type serial-connected resonance medium frequency type, (5 tons), as for other data of other capacity (tons), please check other pages in our this website.

Characteristic	Description
Type	GW5.0-3500-0.3S
Rated capacity (T)	5.0
Rated power (KW)	3500
rated frequency (HZ)	300
power supply (V)	575x2
inlet current (A)	1750x2
medium frequency voltage (V)	2800
load type	One power supply cabinet drives two induction furnaces
adapted transformer (KVA)	4000

Applications:

Induction Furnace Power Supply from Huarui is an ideal choice for induction melting furnace system. It is a medium frequency type with low noise, high efficiency, and low failure rate. It is certified with patent, national testing report, and quality management system, which can guarantee it a reliable product. With a minimum order quantity of one set, the price is

negotiable. The package is waterproof, and the delivery time is within 30~40 days. Payment can be made via T/T or L/C. The supply ability is up to 1000000 sets per year. Maintenance is low and economical.

Customization:

Customized Induction Furnace Power Supply from Huarui

Huarui offers customized induction furnace power supply equipment that is safe, efficient and power-saving. Our induction furnace power supply is of medium frequency type with high efficiency and low maintenance. It is certified by patent, national testing report and quality management system.

The product has the following attributes:

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

Efficiency: High

Maintenance: Low

Power Saving: High

Safety: High

Type: Medium Frequency

Our induction furnace power supply is an ideal choice for induction melting furnace system. Contact us now to discuss your requirements and get the best offer.

Support and Services:

Induction Furnace Power Supply Technical Support and Service

Our induction furnace power supply technical support and services are designed to ensure that customers will get benefit from the optimal performance of their induction furnace power supply.

We provide a variety of induction furnace power supply technical support services, including:

Technical support by phone, email, or live chat

Installation and troubleshooting assistance

Software and firmware updates

Replacement parts

Warranty services

We also offer a range of additional services, including:

Customized design and engineering support

Technical training

Onsite maintenance and repair

For more information about our induction furnace power supply technical support and services, please contact us.



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