

High Power Saving Aluminum Melting Furnace Air Water Cooling

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: customized
- Minimum Order Quantity: 1
- Price: to be negotiated
- Packaging Details: waterproof
- Delivery Time: 30~45 days
- Payment Terms: T/T; L/C
- Supply Ability: 100,000 sets/ day



Product Specification

- Quality: First Class
- Power Supply: Medium Frequency
- Safety System: Complete And Reliable
- Cooling System: Air Cooling
- Advantage: High Power Saving; Quick Melting Speed ; High Reliability
- Cooling System: Water Cooling
- Highlight: **2600V Aluminum Melting Furnace, Air Cooling Aluminum Melting Furnace**



Product Description

Product Description:

Our product includes Thyristor KGPS Induction Furnace with triple voltage, thyristor serial-connected resonance medium frequency induction melting furnace and New generation of IGBT transistor medium frequency induction melting furnace, the followings are introduction of Thyristor KGPS Induction Furnace with triple voltage, as for introduction of other types, please check our website and find them in other pages.

Thyristor KGPS Induction Furnace with triple voltage offers many benefits:

Simple structure, simple maintenance with low cost, low maintenance rate, low investment cost.

Fast melting speed, energy-saving and low power consumption.

Load voltage is increased to 2400V-2600V, resulting in a low load loss.

Mature technology guarantees a stable and reliable performance with a low rate of failure.

Its operation is similar to that of the popular thyristor types.

KGPS bias voltage technology is a revolutionary new power saving technology. Load voltage can be raised to a triple value higher than its original value without any increase of input voltage. This effectively reduces load loss as well as electricity consumption. Additionally, efficiency of the entire system is improved, resulting in a remarkable increase of melting speed compared to other KGPS melting furnace systems with the same power.

Medium frequency melting furnaces utilizes a three-phase bridge fully controlled rectifier circuit to convert alternating current into direct current, after this process, a single-phase inverter bridge inverts the direct current into a single-phase medium frequency current with a certain frequency, usually ranging from 1000 to 8000Hz.

The control system is fully digital. Automated calculations and signal processing are carried out according to a pre-set program, thus avoiding any potential equipment failure caused by unreliability performance in sub-relay control circuits, ensuring its reliability.

Technical Parameters:

Induction melting furnace power supply, thyristor serial-connected inverter medium frequency power supply , one power supply cabinet drives two furnaces

Type	DX-5000Kw
inlet power supply (V)	750V/ six phases
inlet current (A)	1924
Direct current voltage (V)	2000
Direct current (A)	2400
medium frequency voltage (+/-10%) V	3400
medium frequency (Hz)	100-250
medium frequency power (Kw)	5000

Applications:

Huarui Aluminum Melting Furnace is an ideal induction melting system for melting aluminum. Its Model Number is customized. It is certified with Patent ; national testing report; quality management system. The minimum order quantity is 1set, and the price is to be negotiated.

It can be used for aluminum casting factory, it can also melt iron, steel, copper and other kinds of metals.

Support and Services:

On the jobsite of **Aluminum Melting Furnace**, we are committed to providing our customers with quality technical and customer service.

Our knowledgeable and experienced staff is available to answer any questions you may have about our products and services. We provide comprehensive technical support for all of our products including installation and maintenance services. We also offer on-site training and troubleshooting services for all of our customers.

We are dedicated to providing our customers with the best possible service. We offer a full range of customer support, from phone and email support to live chat. Additionally, we offer a variety of online resources to help our customers find the answers they need. Our service files include product manuals, troubleshooting guides, and FAQs.

We are proud to offer high-quality products and services to our customers. We are committed to providing the best experience as far as possible for our customers and strive to exceed their expectations.

Packing and Shipping:

Packaging and Shipping of Aluminum Melting Furnace:

The aluminum melting furnace system are packaged in method of standard export packaging, which is typically made of waterproof package, wooden package or others. The packaging is strong and secure, and it will protect furnace system from damage during transportation. Once the furnace system is packaged, it will be stored in a dry storage room before it is delivered.

The aluminum melting furnace can be delivered via sea or land transport, depending on your country location and its destination as well as your requirements. The whole shipping process is tracked to ensure furnace system can arrive at its destination safely on time.



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