

## Low Noise Copper Melting Electric Furnace High Durability

### 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 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: 1000000



#### Product Specification

- Safety System: Quick And Reliable
- Efficiency: High
- Noise: Low
- Noise Level: Low
- Advantage: High Power Saving
- Durability: High
- Reliability: High
- Highlight: **Copper Melting Electric Furnace High Durability , Low Noise Copper Melting Electric Furnace**



## Product Description

### Product Description:

#### Energy-Saving Electric Furnace

For years, the technical department has been dedicating their efforts to technological research and development. As a result, we have won a series of registered invention patents. The safety, energy-saving, and environmental protection performance of our energy-saving electric furnace meets higher standards than the national requirements. It also adopts a quick-speed system with a power range of 100-30000KW and a furnace capacity from 0.5T to 60T. Hence, the energy can be saved at a rate of 15-20%, making it one of the leaders in the industry.

#### Thyristor KGPS Induction Furnace with triple voltage

This Thyristor KGPS induction furnace has several main advantages, such as fast melting speed, energy-saving with low power consumption, a voltage that can reach 2400V-2600V to reduce the power loss, mature technology for a stable performance, easy and cost-effective maintenance, and the similar operation as ordinary thyristor equipment.

The KGPS bias voltage technology used on this furnace is a new type of energy-saving power supply, which can increase the load voltage to triple its value compared to the input voltage, therefore, decreasing the load loss and electricity consumption. Moreover, due to the improved efficiency of the entire machine, its melting speed has been significantly improved in comparison with ordinary KGPS equipment under same power.

The medium frequency melting furnace runs on a circuit. It converts Alternating Current (AC) into Direct Current (DC) through three-phase bridge fully controlled rectifier circuit. Then, a single-phase inverter bridge is used to invert the DC into a single-phase medium frequency current with a particular frequency (usually 1000 to 8000Hz).

Also, its control system is fully digital, which makes calculation and signal processing run automatically on the set program. That eliminates the errors and mismatches of the circuits caused by aging while ensures the smooth and reliable performance of the furnace.

### Features:

The use of a generator offers many advantages over other forms of energy production. One of these advantages is its strong durability; generators typically have a lifespan of many years. Additionally, they run at a low noise level; this makes them suitable for a variety of settings even in spaces where noise pollution must be minimized.

High overload capacity is another attribute of generators; they are able to produce more energy than is typically required even at peak times. This means they can more easily provide sufficient power during times when other forms of energy production would struggle to meet the demand.

In addition to being strong, low-noise, and high-output, generators require no special environmental considerations. This makes them the ideal choice for anyone who requires reliable energy production but does not have access to a variety of specialized locations.

Finally, generators have a simple operation and require little in terms of ongoing maintenance; this makes them both inexpensive to own and maintain.

### 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 **Copper Melting Furnace** from Huarui has a variety of applications in both industrial and commercial fields. It is a reliable induction smelting furnace that is designed to melt copper with high efficiency, low noise level and high power saving. It offers a quick and reliable

safety system and has a high durability due to its patent, national testing report and quality management system certification. The minimum order quantity of this Copper Melting Furnace is one and the price is to be negotiated. It is packed in a waterproof package and the delivery time is 30 to 45 days. The payment terms available are T/T, L/C and the supply ability is 1000000. This Copper Melting Furnace is an ideal choice for copper melting operations due to its high power saving, low noise level and high durability.

### Support and Services:

#### Copper Melting Furnace Technical Support and Service

We provide technical support and services for the Copper Melting Furnace. Our team of experienced technicians can help troubleshoot any existing issues you are experiencing with your furnace. We can also provide regular maintenance and servicing to keep your furnace running efficiently and safely.

We offer the following services for the Copper Melting Furnace:

Troubleshooting existing issues

Regular maintenance and servicing

Replacement of any worn or damaged parts

Installation and commissioning of new furnaces

Training on proper use and maintenance of the furnace

If you have any questions or concerns about our Copper Melting Furnace technical support and service, please don't hesitate to contact us. We look forward to helping you with your furnace needs.

### Packing and Shipping:

#### Packaging & Shipping for Copper Melting Furnace

The copper melting furnace will be packaged in a wooden crate to ensure its safety during shipping, and it will be shipped via a reliable freight carrier. We will provide tracking information once the package is shipped.

We take special care to ensure that the furnace is properly packaged and secured in the crate, so that it can arrive safely at its destination.

We also offer additional services such as white glove delivery, which includes unpacking and setup of the furnace at the delivery location.



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