

Qingdao Yunlu has been adhering to independent innovation, industry for the country's original intention, through joint technical research, development of ultra-thin nanocrystalline strip ...

The present study provided a novel method to produce high efficiency ultra-thin grain-oriented silicon steel, which may significantly contribute to energy saving in high ...

A range of Nb and Nb/V microalloyed steels have been successfully strip cast by the CASTRIP process enabling the development of a range of high strength Ultra-Thin Cast Strip (UCS) ...

Wind turbines and solar inverters require ultra-thin silicon steel for **high-frequency transformers** and **generators**. A single 5MW wind turbine uses ~8 tons of silicon steel, with projects like ...

High-frequency inverter spot welding machine, featuring microcomputer control and dual operation modes of pneumatic and foot pedal, ensures no false welding even for 0.03mm ultra ...

The rapid developments in micro-manufacturing, micro-electronics and other high-tech fields have resulted in detailed studies of ultra-thin strip production [1], [2]. The goal of ...

The ULTRA inverter is a flexible and efficient platform. modular design increases uptime and reduces service and maintenance costs. The low cost of ownership, higher energy production ...

The invention discloses a non-oriented silicon steel thin strip for an ultra-efficient variable frequency air conditioner compressor and a manufacturing method of the non-oriented silicon ...

The evolution of the microstructure and texture of CSP thin-gauge non-oriented silicon steel was investigated by OM, XRD and EBSD. Results show: (1) the equiaxed surface grains with 28.13 ...

Explore how precision manufacturing, ultra-thin strip production, and advanced process control make our non-oriented electrical steel (NOES) ideal for high-frequency, high-efficiency motor ...

1. Introduction High-strength but lightweight car bodies, ultra-thin structures that possess the highest tensile strength, and lowest-possible production costs - innovative processes are ...



# Ultra-thin strip production of high-frequency inverters

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