

Medium frequency DC inverter





Overview

What is a medium frequency inverter welder?

Medium (till 1000Hz) Frequency Inverter Welders use millisecond pulse width modulation (switching) technology with closed-loop feedback to control the weld energy in sub-millisecond increments. Three phase input current is full wave rectified to DC and switched at 1kHz to produce an AC current at the primary of the welding transformer.

What is a medium frequency inverter?

Medium-frequency inverters cover a wide range of applications. We offer a frequency band from 3 to 40 kHz in which the full power of the inverter can be used. It can be set up as a parallel or series resonant circuit. Highly flexible design simplifies integration into your production process.

How MFDC inverter works?

The output of the MFDC inverter will be squares waves of electrical current at medium frequency of 1000HZ after controlled by the inverter circuit composed of IGBTs. Then it is transferred to primary transformer and the voltage is stepped down and rectified to provide a low-pulse DC current for welding the workpiece.

What is a mid frequency DC inverter spot welder?

Arm length can be customized according to the product size. Mid-Frequency DC inverter spot welder is featured with reduced welding spatter, short power-on time, high thermal efficiency, aesthetically pleasing and sturdy weld, high control precision and durability.



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[MFDC Medium Frequency Direct Current ...](#)

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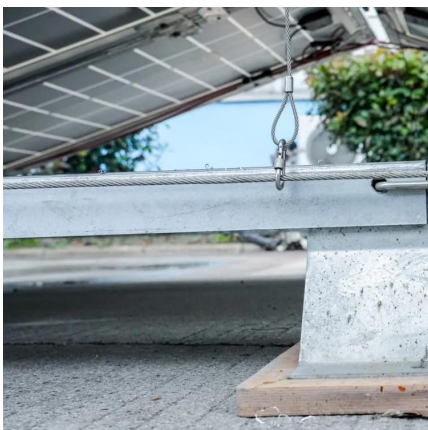
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Mf DC Resistance Spot Welders for Stainless Steel 380V Medium Frequency

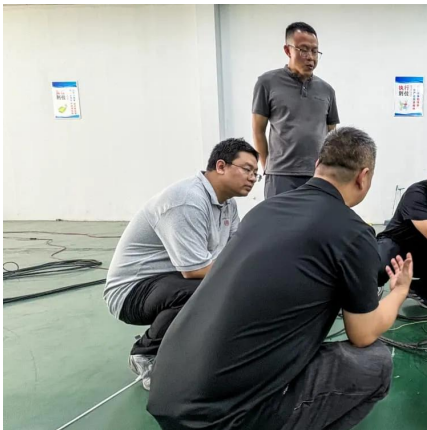
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[Medium frequency inverter DC resistance welding controller](#)

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[MFDC Medium Frequency Direct Current Welding Controller](#)

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