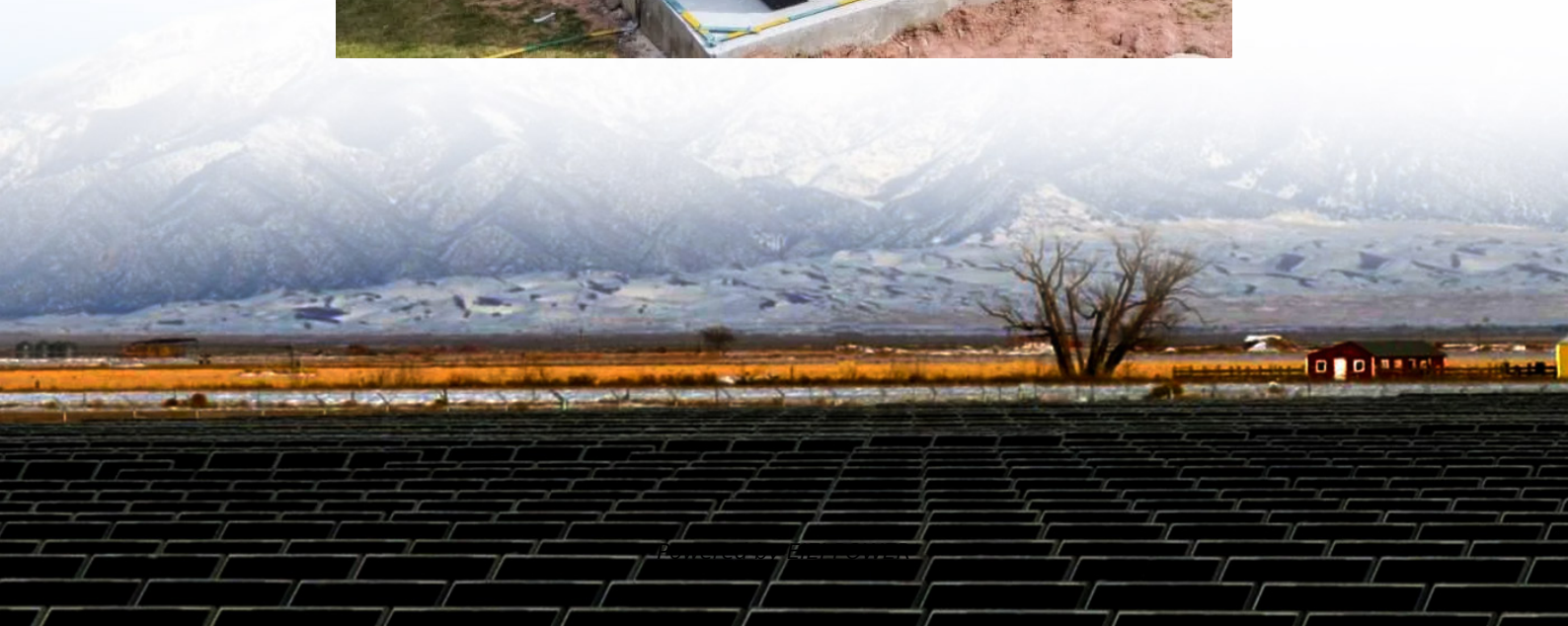


High power IGBT sine wave inverter production





Overview

What is a sine wave high-power IGBT Module Control Board?

Basic Info. Model NO. The sine wave high-power IGBT module control drive board is actually the DC to AC part of the rear stage of the inverter, which converts the high-voltage DC power of the front stage into an AC 220V output device. The dead time of the control board is 2us, which can be adapted to the use of IGBT modules of different sizes.

How do IGBTs affect inverter design?

The availability of IGBTs has a major influence on inverter design, the power of which ranges from 70 to 185 kW and has to support a typical lifetime of 100,000 km or 15 years. One such design uses half-bridge modules, with a focus on the placement and orientation within the inverter to provide more thermal management to increase the power density.

What is the THD of 6kva 3 phase IGBT pure sine wave inverter?

20. THD less than 3% We have attained wide prominence as major exporter and supplier of 6KVA 3 Phase IGBT Pure Sine Wave Inverters. Our offered inverters employ the cutting-edge digital signal processing technology and IGBT to provide most efficient power conversion besides attractive user-friendly features.

What is the difference between SiC vs IGBT inverter?

Hybrid switch configuration considered is 1:4 ratio (1 SiC + 3 IGBTs) Efficiency gain of full SiC Inverter and hybrid switch inverters vs IGBT inverter is from low load to medium load, generating advantages in power systems that operate most of the time below 40% load Hybrid switch inverter shows similar efficiency curve compared to SiC.



High power IGBT sine wave inverter production



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SUG starts to produce pure sine wave inverter since 2013 and we have our own factory. We use original imported IGBT, we are a professional pure positive wave inverter manufacturer

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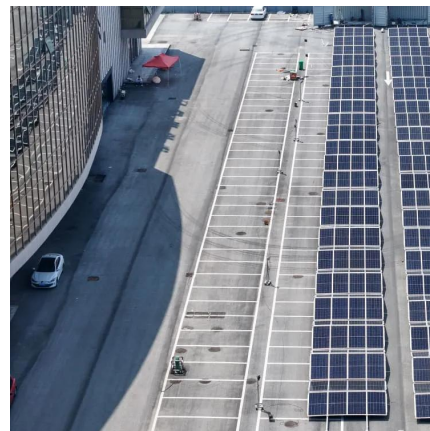
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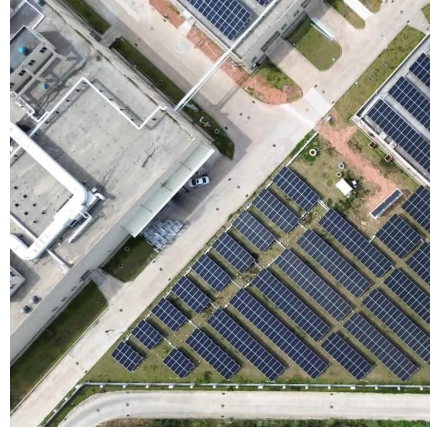
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