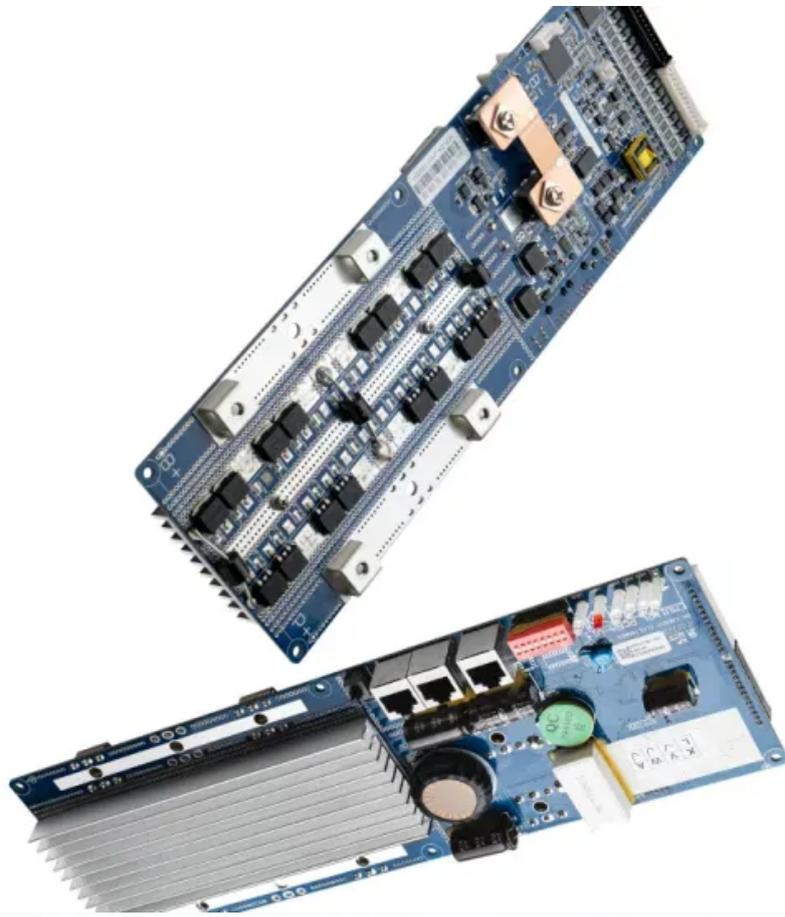


SolarInvert Energy Solutions

Multiple high-voltage hybrid substations



Overview

This modular approach to the construction of the substations is based on flexibility and customizability. The hybrid module can be used for extension or substitution in any traditional substation which uses an air-insulated busbar. This allows to configure the module with the components that are required by substation's architecture and scope of supply. Vice versa, it is also possible to install traditional air-insulated equipment in a hybrid substation.

Multiple high-voltage hybrid substations



Solid State Power Substation Technology Roadmap

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Six common bus configurations in substations up to 345 kV

This modular approach to the construction of the substations is based on flexibility and customizability. The hybrid module can be used for extension or substitution in any traditional substation which uses an air-insulated busbar. This allows to configure the module with the components that are required by substation's architecture and scope of supply. Vice versa, it is also possible to install traditional air-insulated equipment in a hybrid substation.

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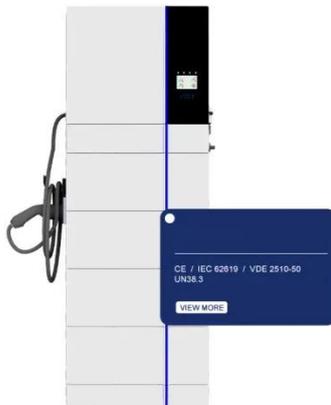
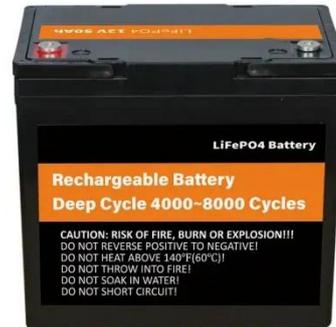
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Hybrid switchgear PASS product offerings , Hitachi Energy

The hybrid design makes use of traditional air-insulated busbar to connect with other equipment in the substation, while enclosing all high-

voltage bay functions in a single-phase gas-insulated ...

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Substations & Electrification , Hitachi Energy

Hitachi Energy offers innovative and reliable solutions for effective integration of power from conventional and renewable generation plants globally.

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Next generation substations

This is done with high voltage switching equipment and power transformers. In order to protect and control, instrument transformers supply the status of the primary system to secondary ...



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High-voltage substations

Mixed technologies substations - or hybrid substations - are mainly used for the refurbishment and expansion of substations with air-insulated outdoor and indoor switchgear, particularly in ...

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Integrated Multifunctional Products (IMP) are modular and prefabricated switchgear installations based on well-proven gas-insulated switchgear (GIS) ...

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High voltage substations overview (part 1)

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Hybrid switchgear module

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