

**TECHNICAL FIELD** [0001] This application relates to the field of photo-voltaic technologies, and in particular, to an inverter, a combiner box, and a photovoltaic system.

Embodiments of this application disclose a design of an inverter and a design of a combiner box, to reduce maintenance costs of a photovoltaic device.

In accordance with aspects of the invention, photovoltaic (PV) systems and solar installations can be simplified and made less expensive by providing a re-combiner box with a safety switch disconnect unit.

An object of the invention is to provide a photovoltaic string combiner box with protection functions to protect and safely isolate each PV string of a PV array from the combiner box and...

The embodiments may provide a photovoltaic power generation system, a photovoltaic inverter, and a direct current combiner box, to effectively protect a photovoltaic unit and a line when...

Provided in the present application are a combiner cabinet and an energy storage system. The combiner cabinet comprises a cabinet body and electrical component assemblies, ...

Disclosed are designs for an inverter and a combiner box for reducing the maintenance costs of a photovoltaic device.

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