

Wind power generation 1000kw inverter





Overview

What is a wind turbine inverter kit?

Our wind turbine Inverter kits utilise the latest in 6 or 12 pulse AFE technology (25kW- 2MW) allowing for unity Power Factors to be maintained. Many wind turbines only generate at a fixed speed relative to the frequency of the grid either 50Hz or 60Hz. This limits the efficiency at lower wind speeds and may not be able to generate at all.

How does a wind turbine inverter work?

The electricity produced is in DC so needs to be fed through an Inverter which in turn converts the electricity into AC which can be fed back into the Grid. Our wind turbine Inverter kits utilise the latest in 6 or 12 pulse AFE technology (25kW- 2MW) allowing for unity Power Factors to be maintained.

Does ABB offer wind turbine converters?

ABB offers wind turbine converters for utility-scale wind turbines. ABB wind turbine converters, suitable for any of today's turbine concepts, deliver durable, reliable performance and are backed by a complete set of life-cycle services. Are you looking for support or purchase information?

Application leaflet.

Why do you need a wind turbine converter?

The selection of the right converter is critical in the turbine design and for a higher return on investment. ABB offers wind turbine converters for utility-scale wind turbines. ABB wind turbine converters, suitable for any of today's turbine concepts, deliver durable, reliable performance and are backed by a complete set of life-cycle services.



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1000kw on Grid Inverter for Wind Solar Hybrid System

1000kW 1MW on grid inverter for wind solar hybrid system. Pure sine wave output, 50/60Hz, 95% efficiency. Ideal for on-grid solar systems. CE certified., Alibaba

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