



# **Bidirectional energy storage inverter equipment manufacturing company**

What is an optical storage and charging bi-directional inverter (BDI)?

To meet this need, Delta developed an optical storage and charging bi-directional inverter (BDI). This all-in-one solution integrates the conversion and control of AC and DC power for household electricity infrastructure, rooftop solar power, energy storage batteries, and EV charging.

Who makes energy storage bi-directional inverters?

Newen Systems-India, in technological collaboration with Dynapower-USA, manufactures world class Energy Storage Bi-directional inverters with a production capacity of 2GW - Make in India. The energy storage solutions are custom engineered to specific needs of customers for "Front of the Meter" and "Behind the Meter" applications.

What applications does Delta BDI support?

Delta's BDI supports various energy management applications, including excess solar power storage for use at night or during periods of no sunlight.

Why is Delta BDI a smart heat dissipating system?

Considering the need to control heat dissipation and maintain safety of the integrated system, Delta's BDI adopts a smart heat dissipating system. It integrates natural cooling and blower cooling, adds DC-DC power density, and increases the lifespan of the fan.

Which energy storage solutions does Delta offer?

Delta's energy storage solutions include the All-in-One series, which integrates batteries, transformers, control systems, and switchgear into cabinet or container solutions for grid and C&I applications. The streamlined design reduces on-site construction time and complexity, while offering flexibility for future expansion.



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