

SolarInvert Energy Solutions

New energy storage terminal enterprise in Mumbai India



Overview

Mumbai, 7th April, 2025 – Tata Power, India's largest integrated power company and a trusted electricity provider to approx. 8 lakh residential and commercial consumers, has received approval from the Maharashtra Electricity Regulatory Commission (MERC) to install a 100 MW Battery Energy Storage System (BESS) in Mumbai over the next two years. Will Tata Power install a 100 MW battery energy storage system in Mumbai?

Mumbai, 7th April, 2025 – Tata Power, India's largest integrated power company and a trusted electricity provider to approx. 8 lakh residential and commercial consumers, has received approval from the Maharashtra Electricity Regulatory Commission (MERC) to install a 100 MW Battery Energy Storage System (BESS) in Mumbai over the next two years.

Where is a 100 MW battery energy storage system located?

Located near Fort Stockton, Texas, the 100 MW/200 MWh BESS is providing energy. Tata Power, India's largest integrated power company, has secured approval from the Maharashtra Electricity Regulatory Commission (MERC) to install a 100MW Battery Energy Storage System (BESS) across Mumbai.

Where will Tata Power install a 100 MW power system?

The entire 100 MW system will be installed across ten strategically located sites, especially near load centres across Mumbai Distribution, centrally monitored and controlled from Tata Power's Power System Control Center.

How will Tata Power's Bess deployment fulfil energy storage obligations?

Additionally, Tata Power's BESS deployment will also fulfil energy storage Obligations. The entire 100 MW system will be installed across 10 strategically located sites, especially near load centres across Mumbai Distribution, centrally monitored and controlled from Tata Power's Power System Control Center (PSCC).

Why is Tata Power launching a 'black start' system in Mumbai?

Tata Power said the BESS, equipped with advanced 'black start' functionality, will enable a swift recovery of power supply to critical infrastructure, including the metro, hospitals, Airport, and Data Centers, in case of grid disturbances. This will prevent large-scale blackouts and enhance Mumbai's power network resilience.

How will Tata Power reduce energy costs?

It will further reduce power purchase costs by storing energy during off-peak, low-cost periods and discharging during peak hours, potentially leading to lower tariffs for consumers. By efficiently managing load fluctuations, Tata Power also aims to defer major capital expenditure on infrastructure upgrades.

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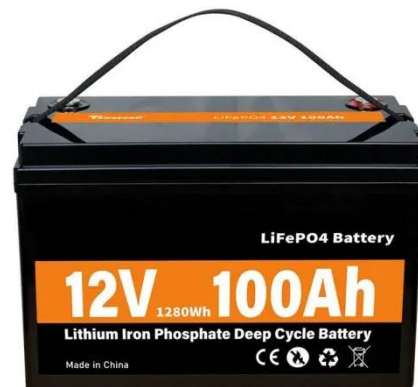
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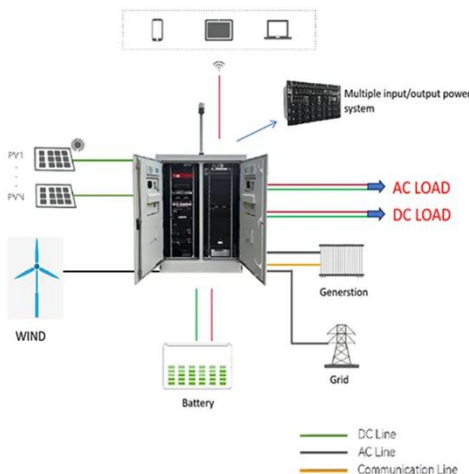
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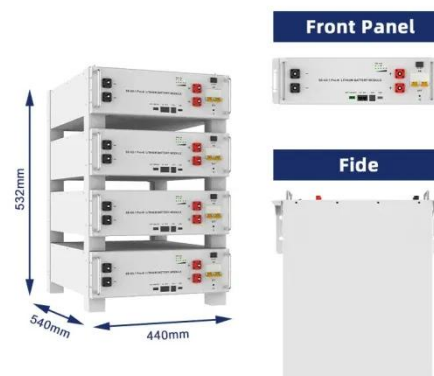
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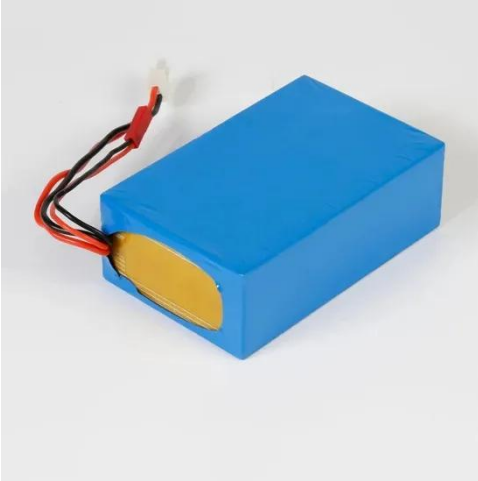
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