



India Mumbai Energy Storage Project





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.

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- 100 MW BESS will be installed across 10 strategic locations in Mumbai over the next two years - Will ensure uninterrupted power supply to critical infrastructure such as the Metro, Hospitals, Airport, and Data Centers during grid disturbances, and will support grid through islanding to prevent.

The transport ministry is proposing a unique 21-character "Battery Pack Aadhaar Number" (BPAN) for EV batteries to ensure traceability from raw material to disposal. This mandatory system aims to boost transparency, accountability, and sustainability in the battery ecosystem, facilitating efficient.

Tata Power will install a 100 MW battery energy storage system to facilitate peak load management in Mumbai's power network. It will implement the system across ten strategically located sites in Mumbai, centrally monitored and controlled from its power system control center. Tata Power, a.

Tata Power, India's largest integrated power company and a trusted electricity provider to around 800,000 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.

POWER STORAGE specializes in advanced home and industrial energy storage solutions, offering high-performance energy storage batteries, modular storage containers, and microgrid systems tailored to meet the unique needs of residential and commercial applications. Our goal is to empower homes and.

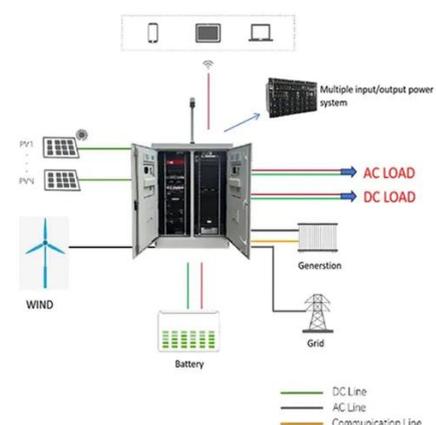


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[MERC Approves Tata Power's 100MW Battery Energy Storage ...](#)

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[Tata Power to Install 100 MW Battery Storage in ...](#)

Mumbai, April 7, 2025 - Tata Power, India's leading integrated power company, has secured approval from MERC to deploy a 100 MW Battery ...

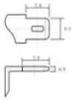
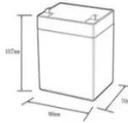


MERC Approves Tata Power's 100MW Battery Energy Storage Project in Mumbai

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12.8V6Ah



- Nominal voltage (V):12.8
- Nominal capacity (Ah):6
- Rated energy (Wh):76.8
- Maximum charging voltage (V):14.6
- Maximum charging current (A):5
- Floating charge voltage (V):13.6-13.8
- Maximum continuous discharge current (A):10
- Maximum peak discharge current @10 seconds (A):20
- Maximum load power (W):100
- Discharge cut-off voltage (V):10.8
- Charging temperature (°C):-50
- Discharge temperature (°C):-20-+60
- Working humidity: <95% R.H (non condensing)
- Number of cycles (25 °C, 0.5c, 100%doD): >2000
- Cell combination mode: 32700-4s1p
- Terminal specification: T2 (6.3mm)
- Protection grade: IP65
- Overall dimension (mm):50*70*107mm
- Reference weight (kg):0.7
- Certification: un38.3/msds



[Tata Power to install 100 MW battery energy ...](#)

Tata Power will install a 100 MW battery energy storage system to facilitate peak load management in Mumbai's power network. It will ...

[Tata Power to Install 100 MW Battery Storage in Mumbai for](#)

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[Tata Power gains approval to install 100MW BESS ...](#)

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Tata Power to Install 100MW Battery Energy Storage System (BESS) in Mumbai



As renewable energy adoption accelerates, BESS plays a pivotal role in enabling a smoother transition. Compared to conventional alternatives, BESS offers a more cost-effective, faster-to ...



[Tata Power obtains permit to build 100-MW battery ...](#)

Indian electric utility Tata Power Co Ltd (BOM:500400) has won approval to install a 100-MW battery energy storage system (BESS) in ...



India Mumbai Energy Storage Power Station A Game-Changer ...

Summary: Explore how Mumbai's energy storage projects are transforming grid reliability and renewable adoption. Discover cutting-edge solutions, market trends, and why this technology ...



Tata Power obtains permit to build 100-MW battery in Mumbai , Energy

Indian electric utility Tata Power Co Ltd (BOM:500400) has won approval to install a 100-MW battery energy storage system (BESS) in Mumbai, a facility that will allow a swift ...



Tata Power to deploy 100 MW battery energy storage system in Mumbai



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Tata Power to deploy 100 MW battery energy storage system in ...

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