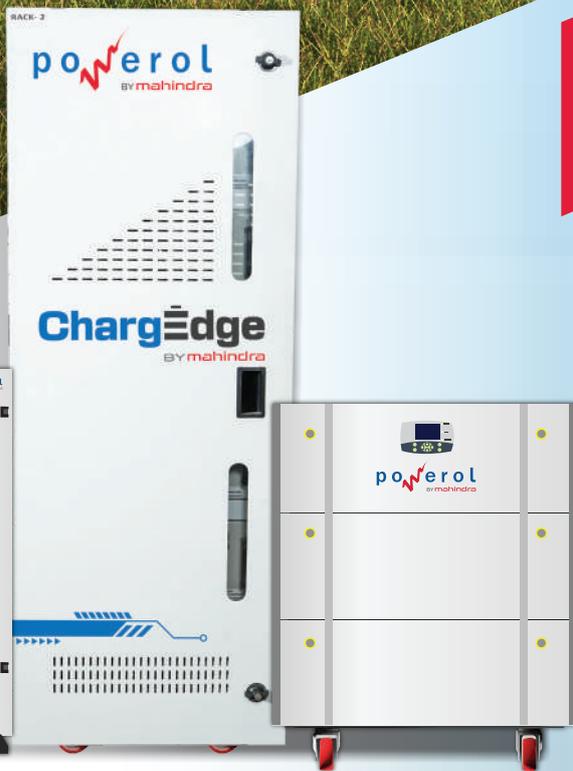


"EFFICIENT STORAGE, UNMATCHED POWER."

Lithium Based Energy Storage Solutions
by Mahindra Powerol



**BATTERY ENERGY
STORAGE SYSTEM (MONOLITHIC
AND CONTAINERIZED)**

POWER RATING UP TO 60kVA



**Environment
Friendly**



**High Energy
Density**



Longer Life



**Less
Footprint**



**Advanced
BMS**

About Mahindra Powerol

Mahindra Powerol delivers end - to - end power solutions across residential, commercial, retail and industrial segments - from fuel-efficient diesel generators to advanced scalable battery energy storage systems. As part of the Mahindra Group, Powerol is known for performance, innovation, and trust - powering India's critical sectors with reliable solution. Starting with lithium-ion technology for telecom in 2016, we expanded into BESS in 2021. Since then, many of our installations have operated smoothly for years, proving our commitment to quality and reliability built into every solution, backed by a robust network of over 130 Dealers operating through over 400 locations.



Energy Storage System with UPS/Inverter

Discover the future of energy storage with Powerol hybrid ESS, our state - of - the - art system, designed to combine innovation, safety, and style.

Featuring super-safe lithium-ion technology, an intelligent battery management system (BMS), and hybrid inverter capabilities, our solution ensures outstanding performance and reliability. Housed in a sleek, impact-resistant design, it's the perfect blend of durability and aesthetics for modern energy needs.



Applications



Residences



Banks



Retail



Small Offices



Commercials

About System

SCHEDULING FEATURES



- Controlled scheduling via keypad or PLC
- Battery charging according to TOD
- Programmable night saving mode



BATTERY PACK

- Fast Charging rate & very low self
- High temperature performance
- 4200 cycles at 80% DOD & upto 7500 cycles at 50% DOD
- Modular design & easy to replace



ACTIVE FRONT END TECHNOLOGY

- Low distortion O/P for critical loads Facility
- Export excess PV power to grid to grid synchronisation



HEAVY LOAD

- Backup support for all your power requirements
- Remote Monitoring System

Advantages



Wide Operating Temperature Range



Compact Size



Preventive Maintenance

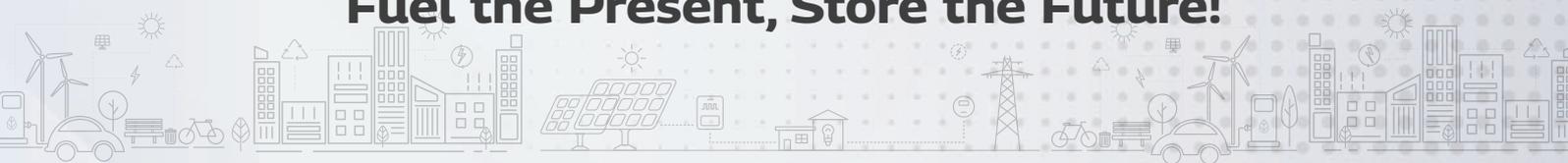


Hybrid Technology



Low Self-Discharge Rate

Fuel the Present, Store the Future!



Let's Power Tomorrow, Today

Energy is evolving - and so should the way we store and manage it. Our cutting-edge Energy Storage Systems (ESS) and integrated ecosystem empower homes, businesses, and entire communities to move toward a more reliable, sustainable, and efficient energy future.

Whether you're looking to stabilize the grid, integrate renewable energy, reduce operational costs, or ensure power security - we're here to help you make it happen.

Our Value Proposition

- ✔ End-to-End ESS Solutions
- ✔ Scalable & Modular Technologies
- ✔ Commitment to Innovation & Sustainability
- ✔ Our widespread service network across India



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Dealer Stamp

