



Lithium-ion Phosphate (LiFePO4) Battery for Various Capacity of UPS, Invertor & customised Energy Storage Application

Our Lithium-ion batteries are an ideal choice for small UPS applications due to their lightweight and compact design, which is well-suited for high charge and discharge rates. Their extended cycle life and efficient Battery Management System (BMS) enhance the UPS's reliability and performance. As a result, lithium-ion batteries are increasingly favoured over traditional leadacid batteries.

Type	Prismatic
Application	<ul style="list-style-type: none"> ● Different Energy Storage Application ● Wind farm and Solar power connected energy storage application ● Power management Peak saving application ● Back-up Power Supply for Sub-Station
Capacity	40 Ah - 300 Ah & as per customer requires
Cell Voltage	3.2 Volt
Advancements	<ul style="list-style-type: none"> ● Enhanced Thermal Stability ● Zero Tolerance Towards Human Safety ● Longer Cycle Life

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Lithium-Ion Phosphate (LiFePO4) Battery for UPS, Invertor

Feature	Small Capacity (1-5 kVa)	Medium Capacity (5-20 kVa)	Large Capacity (20-100 kVa)
Capacity	10 Ah, - 50 Ah	50 Ah, - 150 Ah	150 Ah, - 500 Ah+
Nominal Voltage	12 V, 24 V, 48 V	48 V, 96 V	96 V, 192 V, 384 V
Cycle Life	2000+ Cycles		2000+ Cycles
Operating Temperature	-20°C to 60°C	-20°C to 60°C	-20°C to 60°C
Form Factor	Modular/Rack-Mounted	Modular/Rack-Mounted	Modular/Cabinet Based
Certifications	UL1973, UL1642, IEC 62619	UL1973, UL1642, IEC 62619	UL1973, UL1642, IEC 62619

*The battery sizing & configurations of UPS shall be customised based on the UPS rating and power back up requirement of the customer.

PARTICULAR APPLICATIONS

- UPS
- House Inverter for power backup
- Sub-Station - for protection and communication instrument
- Energy storage in Hybrid inverter connected with Solar
- Energy storage in Micro grid system
- Energy storage in ground mounted solar plant

ORDINARY FEATURES

- High Power Density
- Suitable for fast charge & discharge
- Compatible for communication with UPS
- State-of-Art BMS with built-in advanced protections
- Rack level switchgear and controller for centralized communication and protections
- Remote monitoring & diagnostics (Optional)
- Long life span High Safety and Reliability
- Less footprint and volume
- Scalable
- Low Maintenance

DISCLAIMER

- The battery sizing & configurations of UPS shall be customized based on the UPS rating and power back up requirement of the customer & mutual technical signoff.

AFTER SALES & SERVICE

- PAN India support
- Offer after sales service support to all the OEMs through our team.
- Service will be carried out by trained technicians of our dealers.

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