



**POWERING
A SUSTAINABLE
FUTURE**





**REVOLUTIONIZING
ENERGY FOR A
SMARTER & GREENER
WORLD.**

ABOUT US

We specialize in crafting high-performance Lithium-Ion batteries, delivering cutting-edge energy storage solutions designed for reliability, efficiency, and durability. From Battery Energy Storage Systems (BESS) and Uninterruptible Power Supplies (UPS) to Material Handling Equipment (MHE), electric vehicles, and off-grid energy systems, our expertise empowers diverse industries with sustainable, dependable power solutions tailored to their unique needs.



OUR VISION

To empower industries and communities with innovative, high-performance energy solutions that drive sustainability and reliability. We envision a future where our cutting-edge Lithium-Ion batteries and energy storage systems play a pivotal role in shaping smarter, greener, and more efficient energy landscapes worldwide.

OUR MISSION

By delivering customized Lithium-Ion batteries, advanced battery energy storage systems, and innovative green energy solutions, we strive to boost energy efficiency, minimize carbon footprints, and create a sustainable future-empowering generations to thrive in a cleaner, greener world.

PRINCIPLE & **CORE VALUES**



INTEGRITY
Upholding the
highest standards



INNOVATION
Driving the future
of energy



TRUST
The cornerstone
of our business



SUSTAINABILITY
Championing a
greener planet



AFFORDABILITY
Making green
energy accessible

WHY CHOOSE BLUAMP ?



CUTTING-EDGE TECHNOLOGY

We integrate the latest advancements in green energy to deliver solutions that prioritize performance, reliability & efficiency.



SUSTAINABILITY-DRIVEN

We are deeply committed to a greener future, continuously working to reduce environmental impact & promote sustainable practices.



UNCOMPROMISING QUALITY

Our products are crafted with high precision, ensuring best in class durability & consistent high-quality results.



CUSTOMIZED SOLUTIONS & SUPPORT

Our customer-first approach ensures we meet your specific energy storage needs with customized solutions and dedicated support at every step.

LITHIUM-ION BATTERY APPLICATIONS



UPS
(Uninterruptible
Power Supply)



Automobile



**BESS for
Off-Grid**



**BESS for
Manufacturing
Activities**



**BESS for
Solar
Energy**



**Material
Handling
Equipment**



Railways



Aerospace

THE BLUAMP EDGE



No
Memory
Effect



High Energy
Efficiency



Fast
Charging



Durable
Build



Battery
Management
System



Custom
Solutions



Advanced
Thermal
Management



Exceptional
Support

OUR MANUFACTURING EXCELLENCE

Our R&D center and advanced manufacturing unit is the heart of our operations. We are equipped with the latest technology and staffed by highly skilled professionals, our best-in-class facility ensures that every product we deliver meets the highest standards of quality and efficiency.

**Advanced Production
Technology**



**Stringent Quality
Control**



Skilled Workforce



**Environmentally
Conscious Practices**





ADVANCED LITHIUM-ION BATTERIES SOLUTIONS FOR



**BESS FOR SOLAR
ENERGY STORAGE**



**UPS &
INVERTERS**













E-MOBILITY



**MATERIAL
HANDLING
EQUIPMENT**

DIFFERENCE BETWEEN LITHIUM-ION & LEAD ACID BATTERY

	Lithium-Ion	Lead-Acid
 Energy Density	Higher energy density	Lower energy density
 Weight	Lighter	Heavier
 Cycle Life	Longer lifespan (up to 2000-5000 cycles)	Shorter lifespan (300-500 cycles)
 Charge Efficiency	More efficient (90-95%)	Less efficient (70-85%)
 Maintenance	Maintenance-free	Requires regular maintenance (water topping)
 Running Cost	0-25% Cheaper Per Charge Cycle	20-25% Higher Value Per Charge Cycle
 Charging Time	Faster charging	Slower charging
 Temperature Sensitivity	More sensitive to extreme temperatures.	More tolerant to temperature variations
 Depth of Discharge (DoD)	Can discharge up to 80-90%	Limited to 50% for better lifespan
 Environmental Impact	Less toxic but harder to recycle	Easier to recycle, but contains toxic lead



Inspiring Change.
Empowering Futures.
Choose **Bluamp Energy**
For Unstoppable Progress.



BLUMAMP LFP BATTERIES

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