



Energy Storage Solutions

Inverters & Batteries

Certified: UL1973, UL9540A, UN38.3, IEC62619

Empowering Solutions
with



Surin International Pvt Ltd.

An ISO 9001:2015 & Duns-certified Company

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About Us

Surin International Pvt. Ltd., established in 2013, is an ISO 9001:2015 and DUNS-certified enterprise committed to delivering intelligent engineering and energy solutions. As the **official partner and distributor of CLN Energy**, Surin brings advanced Lithium-ion based Energy Storage Systems (ESS) to the Indian market—serving residential, commercial, and industrial needs.

With a decade of experience in IoT, refrigeration, and power technologies, Surin has developed deep expertise in energy management. Our ESS solutions, powered by **CLN's globally recognized technology**, are designed for peak load management, backup power, and EV charging infrastructure—offering reliability, modularity, and remote monitoring through intelligent Battery Management Systems (BMS).

Surin continues to empower industries to transition toward clean, connected, and future-ready energy systems.

Powering Across the Globe



Commercial & Industrial Energy Storage Product Range



PowerEco - 100kW/200kWh



PowerEco - 60kW/207kWh

Upto ~60% Operational Cost Savings



Key Features

- 3000+ Cycles @ 80% DoD
- Operating Temp: -30°C to 55°C
- 5+ Years Warranty
- Fire Protection: Heptafluoropropane / Aerosol
- Communication: RS485 / Ethernet / CAN
- Cooling: Air / Liquid Cooling (as per model)
- Energy Monitoring, Scheduling & Optimization
- Certified: UL1973, UL9540A, UN38.3, IEC62619



Benefits

- Zero Downtime Power for Critical Loads
- Supports Green Energy Goals & Reduces Carbon Footprint
- Noise < 65 dB
- Load Shifting & Demand Charge Reduction
- Seamless Solar + Grid + Battery Integration

Residential Energy Storage Product Range



Inverter Battery - Table Top



Stackable BESS



Key Features:

- Modular Battery Energy Storage System (2kW–15kW)
- 5+ Years Warranty
- Remote Monitoring via App
- Bluetooth-Enabled Battery Alerts
- Compact Wall/Table Mount Options
- Seamless Solar Integration with BESS
- Backup power during outages
- Powers Everything – From Lights to ACs & Lift

| Feature | Conventional Lead-Acid Inverter | Surin BESS Solution |
|---------------------|---------------------------------|---------------------------|
| Battery Life | 2–3 Years | 5–10 Years (3000+ Cycles) |
| Maintenance | Frequent | Maintenance-Free |
| Efficiency | ~70% | ~90% |
| Charging Time (hrs) | 8–10 | 3–4 |
| Energy Density | Low | High |
| Backup Control | Manual | Smart EMS with App |
| Space & Weight | Bulky & Heavy | Compact & Lightweight |