

## ENERGY STORAGE



### P90 | ESS APPLICATIONS

**P90 | Energy Storage System** lowers operational costs for commercial and industrial on-grid applications. The P90 | ESS provides power factor correction, peak power use shaving, backup power, and utility Demand kVA cost reduction.

The P90 | ESS is flexible, economical, and safe, while improving the performance of renewable energy systems such as our P90 | BENCH solar systems.

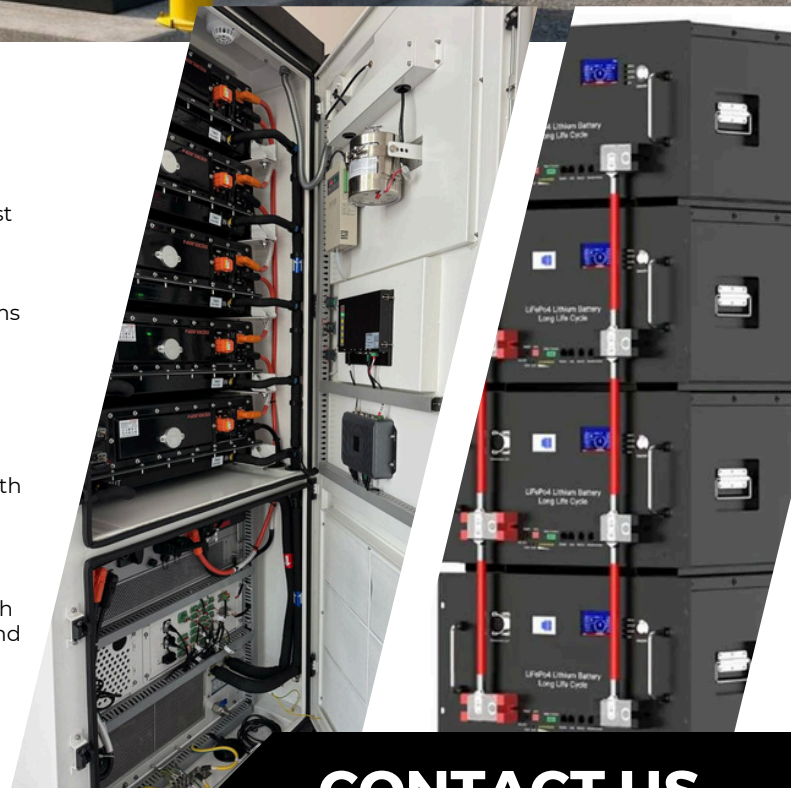
### HOW A P90 | ESS WORKS

Our P90 | ESS is built with advanced LiFePO<sub>4</sub> (Lithium Iron Phosphate) battery technology interconnected with our P90 Solar system and the utility grid, providing energy resilience and greater independence.

P90 | ESS will help you meet your renewable energy goals, drive sustainability, and power your business with future-proof energy storage technology that can expand to meet your business demands.

### P90 | ESS SAFETY

P90 | ESS utilizes LiFePO<sub>4</sub> cells, which are built with exceptional thermal stability. The integrated fire suppression and thermal management protection systems form a robust multi-layer safety system ensuring secure, stable, and compliant operation under extreme climate and environmental conditions.



## CONTACT US



Our technical expertise, combined with top-quality equipment and skilled technicians, ensures our P90 | ESS provides a long lifespan and significant energy savings.



## P90 | ESS + AI

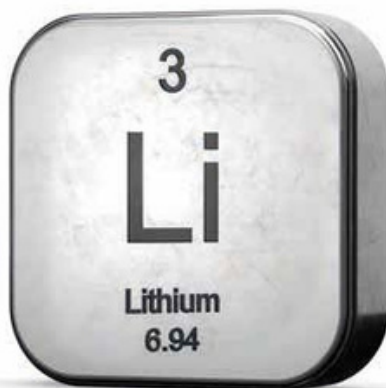
**AI Computing** provides real-time performance monitoring, data analytics, and remote system management, delivering power where it's needed, immediately.

- 24/7 visibility into system performance, proactive facility maintenance alerts, and performance optimization recommendations.
- Customers' facilities typically reduce maintenance costs by 30% and can achieve greater processing or facility productivity.

Whether it's a new P90 Solar System, an existing solar retrofit, or site expansion, our P90 | ESS solutions provide bankable solutions to your energy needs.



- **Access real-time energy use.**
- **Pinpoint and reduce the makeup of peak kVa demand.**
- **Review energy use reports and adjust for peak efficiency.**
- **Gain further revenue from offsetting kWh and kVa costs.**
- **Improve energy resilience and energy security.**



## LIFEPO4

Lithium Iron Phosphate (LiFePO<sub>4</sub>), one of the most advanced and safest energy storage technologies today, is widely used in applications ranging from EVs to banking security, medical facilities, and commercial and industrial settings. The quality of the battery's internal cells is extremely important. The cells are made from the highest-grade lithium available on the market (grade A+) and are ETL UL 1973-certified.

