Natron Energy

CORPORATE OVERVIEW

Industrial power without compromise.

Natron's breakthrough Prussian blue technology delivers high power, long service life, and industry leading safety.

over 50k deep discharge cycles

Industrial power and grid storage customers demand higher performance. Data center power density is rising rapidly, requiring a commensurate increase in backup power density. The automation of factories and distribution centers depends in part on fast recharge for materials handling. EV fast charging is limited by grid capacity and demand charges. Volatile solar and wind power necessitate diurnal load leveling and short-duration smoothing.

Natron Energy delivers solutions for these challenging industrial power and grid storage applications. Its sodium-ion cells are based on Prussian blue electrodes that enable unique power, life, and safety: full discharge and recharge in just minutes and up to 50,000 deep discharge cycles from a nonflammable, fault tolerant system.

Natron Energy: your solutions provider for high power, long lasting, safe energy storage.

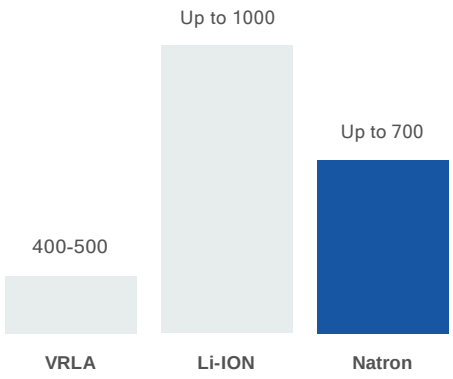
"At CE+T we choose to use Natron's sodium-ion battery for our most demanding applications where our clients appreciate the safety, long-life, availability, rapid cycle-rate while also taking advantage of the many environmental benefits of this innovative chemistry. Unlike lithium, the Natron battery doesn't require moving and processing 800,000 pounds of dirt to deliver its incredible performance"

Mario Barbaresso
CEO CE+T Americas

Higher Power Density

A smaller footprint without compromising safety or fault tolerance.

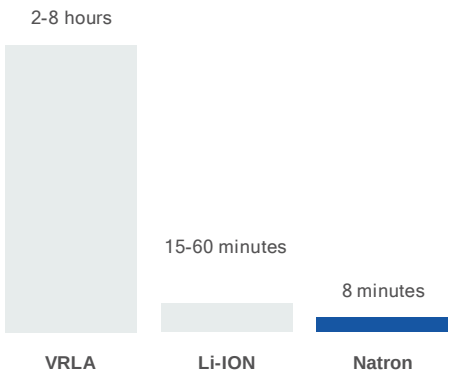
Pack Power Density
W/L, 2 minutes



Faster Recharge

From zero to >99% state of charge in just 8 minutes.

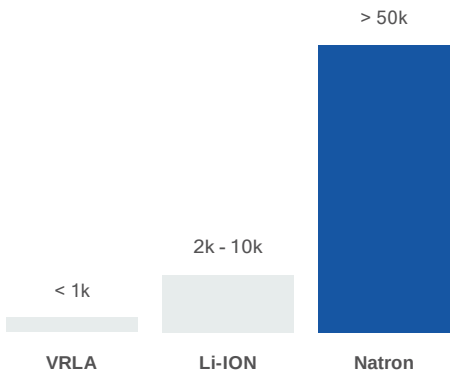
Pack Recharge Time
0-99% SOC



Longer Cycle Life

Recharge Time SOC Suggest: Zero-strain charging via Prussian Blue electrodes enables tens of thousands of deep discharge cycles.

Deep Discharge Cycle Life



Safety and fault tolerance you can rely on.

- Nonflammable during and after nail penetration or flame test.
- No damage or loss in performance from short circuit or overcharge to 35% overvoltage.
- No rare-earth materials or caustic metals.

	Lead Acid	Li-ION	Natron
Low fire risk	✓	✗	✓
Tolerates overcharge	✗	✗	✓
Tolerates short circuit	✗	✗	✓
No acid	✗	✓	✓
No heavy metals	✗	✓	✓

Contact:

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