

FAIL-SAFE ENERGY SECURITY

Solutions for **UNPRECEDENTED** Sustainable Energy, Resilience and Revenue Generation.

LEAD-ACID



Low energy density means that large, heavy arrays offer only brief bursts of resiliency.



LITHIUM-ION

(NO THERMAL MANAGEMENT)



Improved energy density expands usability, but critical safety concerns demand purpose-built sites with effective alarming systems.



FAIL-SAFE DESIGN ALLOWS FOR DEPLOYMENT IN AND AROUND OCCUPIED SPACES

Small, Maneuverable,
Easy to Deploy

1 High power (w/kg) and energy (wh/kg) densities allow for any BTM application

2 IMPRESSIVE LIFESPAN
3,500 cycles at 90% depth of discharge equals 15 years without cell replacement

3 Fail-Safe design prevents thermal runaway at the cell level—no need for fire suppression equipment



- ✓ Resiliency
 - ▲ Peak Shaving
 - 📈 Rate Arbitrage
- programmable through Viridi IoT

GENERATE REVENUES



LEVERAGE INTERMITTENT RENEWABLES



LOWER CARBON EMISSIONS



IMPROVE RESILIENCE



OUR TOTAL FAIL-SAFE SOLUTION

- ▶ SILENT
- ▶ ZERO EMISSIONS
- ▶ NO MAINTENANCE
- ▶ CAPTURE RENEWABLES
- ▶ OPTIMIZE ELECTRIC BILL



Viridi's battery system is rigorously tested, safety-approved, and American-made.



VCom
Premium Edge Computing Platform



faveo
Intelligent Traffic Cabinet



RPS50
Energy Storage System (50kWh)



RPS150
Mobile Energy Storage System (150kWh)



RPS1200
Container-Based Storage System (1.2 MWh)



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