



# Storage Solutions for Multiple Markets

We provide advanced systems for businesses and individuals to achieve a lower cost of energy in today's ever-changing world.



## Safe Microgrid Solutions

Energy storage is the most critical component in a resilient microgrid. Our unique energy storage systems play a crucial role in stabilizing the grid. They store energy from lower cost renewable sources and release it during peak demand periods. This not only helps in managing the energy supply more efficiently but also ensures a reliable and steady power flow, crucial for both today's needs and future expansion in electric transportation, heating, and to meet ever increasing power demands from emerging technology.

## Why Supercapacitors?



### Different than Batteries

Lithium-Ion Batteries are ElectroChemical whereas Supercapacitors are ElectroStatic producing no heat, eliminating concerns for fires and explosions. 100% Graphene based, rugged technology is efficient in extreme temperatures and provides a Levelized Cost Of Energy (LCOE) that is 50% less than lithium-ion.



### Servicing:

- Utility Scale
- Industrial
- Commercial
- Residential
- Transportation



## Benefits

### EXTREME SAFETY

- Extreme Safety Performance
- Solid State Polymer Electrolyte
- No Special Transport/Handling

### ULTRA-LONG LIFE

- 10 Year Warranty
- 20 year Projected Lifecycle
- 50,000+ Cycles

### FAST RECHARGABLE

- Charges 6x's faster than lithium
- 100% depth of discharge
- High Speed Charge/Discharge Rate

### SMART BMS

- Integrates with Bluetooth or Remote Monitoring
- Modbus (RS485, RTU),
- Data Analysis & Data Visualization

### RAPID VALUE CREATION

- No replacement cycles/costs
- No maintenance required
- Completely recyclable and economical

