

# ME Graphene Energy Bank

Mint Energy's Graphene Energy Bank is the smart choice for energy storage. Unlike other systems, the Mint Energy Graphene Energy Bank scales to meet any size power need. The containerized system provides long-lasting power even in extreme temperatures and conditions. Smart features enable complete control over power distribution.

- Unlimited Scalability
- Operates in High Temperatures - Up To 70°C
- Long Life Span
- 20,000 - 43,000 Cycle Count
- Low Cost Solution – As Low As \$.00001 USD Per KWh Over 25 Years
- Low Maintenance System
- High Energy Density
- Quick Charge
- 100% Capacity Possible
- Integrates With Any Source of Power
- Environmentally Responsible
- Lower Fire Risk Than Other Solutions



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FEATURES	 MINT ENERGY	LITHIUM-ION PHOSPHATE
MINIMUM CYCLE COUNT	20,000	3,000
MAXIMUM CYCLE COUNT	43,000	10,000
LIFE SPAN** 1 CYCLE PER DAY	50-117 YEARS	5-20 YEARS
AVG. COST PER kWh OVER 25 YEARS	\$.00001 USD	N/A
AVG. COST PER kWh OVER 50 YEARS	\$.000008 USD	N/A
MAX OPERATING TEMPERATURE	70 °C	25-45 °C
FIRE RETENTION SYSTEM REQUIRED	NO	YES
VENTILATION REQUIRED	YES	YES
SEALED / WATERTIGHT	YES	NO

ME GRAPHENE BATTERY **VS.** LITHIUM-ION BATTERY

	HIGH ENERGY DENSITY	
	FAST CHARGE	
	SAFE - LOW FIRE RISK	
	ENVIRONMENTALLY-FRIENDLY	
	LONG LIFESPAN	
	HIGH POWER (LARGE CURRENT DISCHARGE)	



[www.mintenergy.com](http://www.mintenergy.com)

All specification subject to change without notice. It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application. Parameters provided in data sheets and/or specifications may vary in different applications and performance may vary over time. All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts. Product specifications do not expand or otherwise modify Mint Energy's terms and conditions of purchase, including, but not limited to the warranty expressed wherein.