

About Us

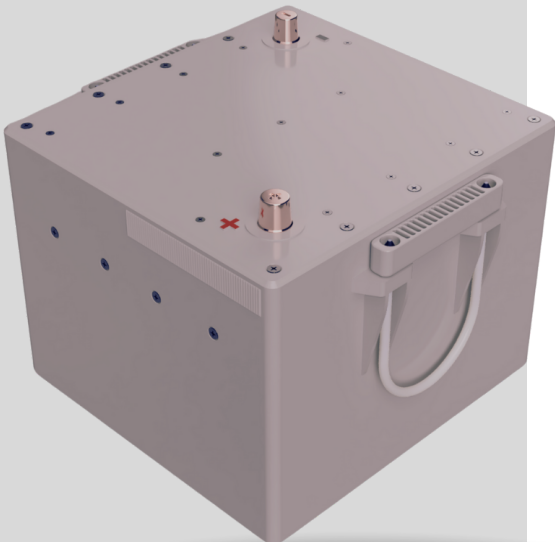
Mint Energy develops energy generation and energy storage solutions to meet the ever-changing needs of modern-day consumers and businesses. Mint Energy strives to provide safe, environmentally-friendly, cost-effective, and reliable solutions.



6T 12V Tank Battery

Mint Energy's groundbreaking graphene-based Tank Battery represents a significant leap forward in energy storage technology. This innovative battery surpasses traditional lithium-ion alternatives in terms of safety and efficiency. The incorporation of graphene enhances the overall performance and reliability of the battery, making it a superior choice for various applications. With a 6T form factor, the Tank Battery boasts a compact design without compromising on power capacity. Mint Energy's commitment to pushing the boundaries of energy storage technology is evident in the Tank Battery, offering a reliable and cutting-edge solution for diverse energy storage needs.

- **6T Form Factor Equivalent**
- **Withstands High Voltage, Extreme Temperatures, and Bullet Impact**
- **Safer than Lithium-ion**
- **Safer than Lead Acid**
- **Discreet Solution – No Heat or Sound Signature**
- **Faster Start Time**
- **Longer Stealth Mode**
- **Lightweight Battery**
- **Reliable Solution**
- **Composite Casing is Electromagnetic Pulse (EMP) Resistant**



Contact us



+1 949 432-9091



sales@mintenergy.com



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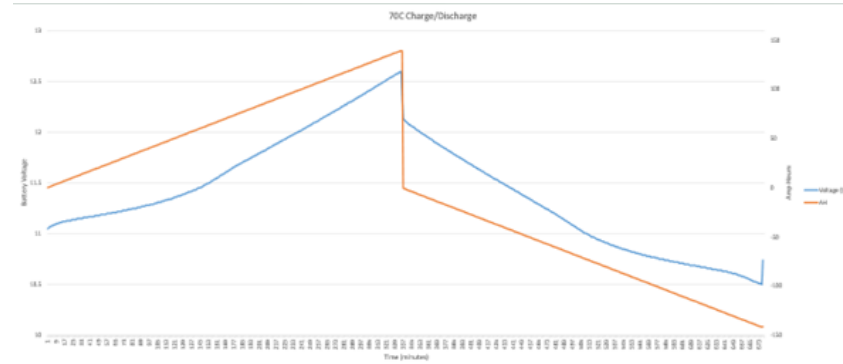
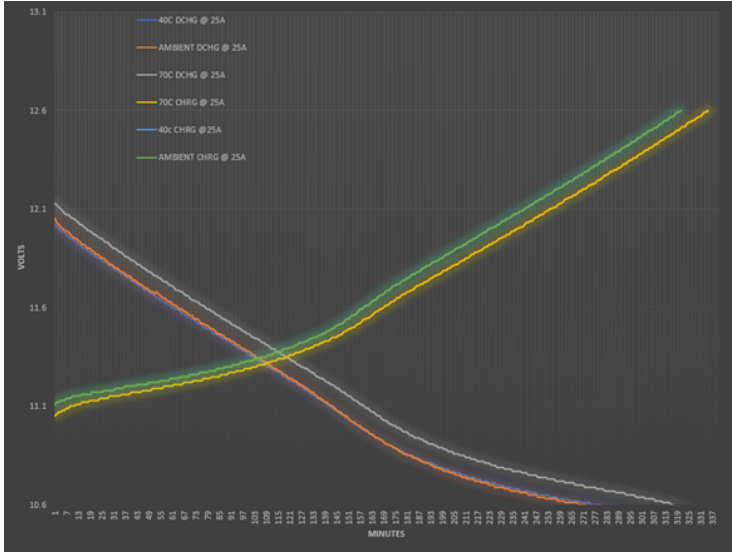
SPECIFICATION	UNIT	VALUE
Series Capacitors	-	7
Parallel Capacitors	-	4
Total Capacitors	-	28
Rated Voltage	V	25.20
Max Surge Voltage	V	29.75
Max Continuous Voltage	V	29.40
Min Voltage	V	21.00
Nominal Current	A	80.00
Continuous Current	A	160.00
Peak Current (5 sec)	A	1100.00
Maximum Charging Current	A	80.00
Full to Empty Discharge Time	Minutes	28.13
Empty to Full Charge Time	Minutes	56.25
Estimated VA Hours	VAh	2,100
Nominal Energy Rating	kVAh	2.10
Estimated Energy Storage (Watt Hours)	wh	2,100
Estimated Energy Storage (Amp Hours)	Ah	75.00
Cold Cranking Amps	A	544
Reserve Capacity	Minutes	180
Energy Density Wh/kg	Wh/kg	122
Energy Density Wh/L	Wh/L	135
Internal Resistance	mΩ	≤ 3.63
Leakage Current	mA/h	≤ 7.778
Cycle Life	-	5,000
Deep Cycle Life	-	4,000
Operating Temperature Range	°F (°C)	-4 to 140 (-20 to 60)
Storage Temperature Range	°F (°C)	-4 to 131 (-20 to 55)
Protection Class	-	IP67
Transport Class	-	Non-Spillable
Shelf Life	Months	24
Product Weight	kg	7.2
Dimensions	mm	254 x 267 x 230
Size	-	NATO 6T

FEATURES

Built-In Battery Management System (BMS)

Built-in Protections

Rapid Charge and Discharge Capabilities



Standard deviation of 0.2

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