

# DATA SHEET

## 60 V 150 Ah



### GENERAL SPECIFICATIONS

Model	GT60V150-GC-A20
Chemistry	LiFePO4
Nominal Voltage	60.8 V
Nominal Capacity	150 Ah
Nominal Energy	9000 Wh
Cycle Life	> 2000 cycles @ 100% DOD

### MECHANICAL SPECIFICATIONS

Dimensions (L x W x H)	23.62 in x 16.33 in x 10.55 in
Weight	160.9 lb ± 6.6 lb
Casing Material	Metal
Terminal Type	M8
Enclosure Protection	IP56

### TEMPERATURE SPECIFICATIONS

Charge Temperature	0 °C to 45 °C (30 °F to 113 °F)
Discharge Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Storage Temperature	0 °C to 40 °C (30 °F to 104 °F)
BMS High Temperature Cutoff	65 °C (149 °F)

### OTHER SPECIFICATIONS

Self-Discharge	2% per month
Efficiency	99%
Resistance	≤ 20 m Ω
Bluetooth	Yes
Communication	CANbus   SMBus   RS485   RS232

Manufactured and distributed by Grand Teton Energy Systems.

Performance may vary depending on application. All specifications and operating conditions are subject to change without notice. This data is provided for evaluation purposes only and does not imply any warranty or guarantee. Grand Teton Energy Systems. All rights reserved.

Version 003 - Revised 03-09-2026

### CHARGE SPECIFICATIONS

Charge Voltage	69.3 V
Charge Method	CC-CV
Recommended Charge Current	75 A
Maximum Charge Current	150 A
BMS Charge Cutoff Voltage	69.3 V
Recommended Float Voltage	65.6 V

### DISCHARGE SPECIFICATIONS

Continuous Discharge Current	200 A
BMS Discharge Cutoff Voltage	40 V
Reconnect Voltage	46 V
Pulse Discharge Current	400 A (< 3 seconds)
Recommended Voltage Disconnect	50 V
Short Circuit Protection	200 to 600 μs

### COMPLIANCE SPECIFICATIONS

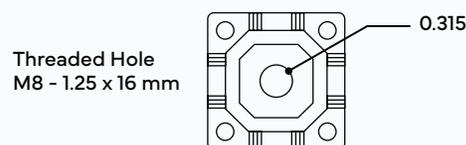
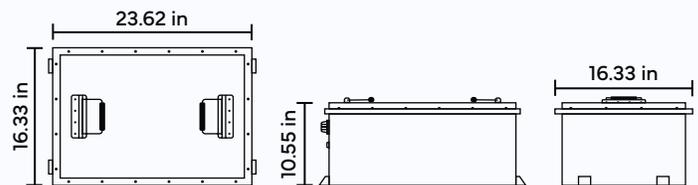
Certifications	CE   UL 1642 (Cell)   IEC62133 & CB   KC   BIS
Shipping Classification	UN3480   Class 9   UN38.3

### BATTERY RECYCLE



NOTE: Do not mix with sealed lead-acid batteries when recycling. Refer to the Grand Teton user manual for proper operation.

### BATTERY DIMENSIONS



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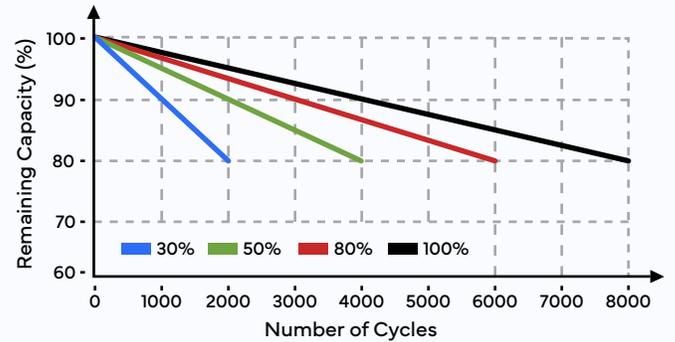


## BATTERY APPLICATIONS

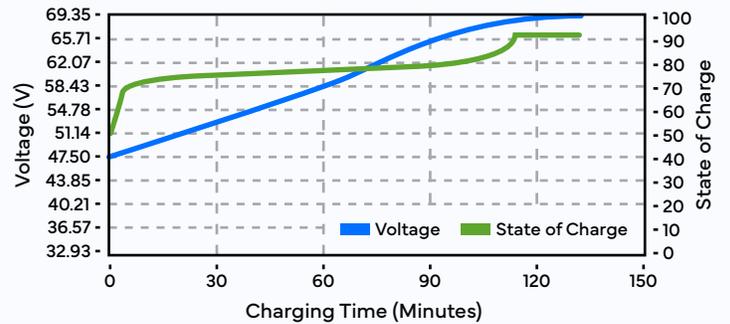
- ⚡ Data Center UPS
- ⚡ Telecom Backup Power
- ⚡ Military Power Supply
- ⚡ Solar Energy Storage Systems
- ⚡ Solar Street LED Lighting
- ⚡ Autonomously Guided Vehicles (AGVs)
- ⚡ Industrial Robotics & Handling Equipment
- ⚡ Aerial Work Platforms
- ⚡ Floor Cleaning Machines
- ⚡ Power Tools & Lawn Mowers
- ⚡ Electric Bikes & Motorcycles
- ⚡ Electric Mobility Devices (E-scooters, Wheelchairs)
- ⚡ Golf Trolleys & Golf Carts
- ⚡ Medical Devices
- ⚡ Electric Ships
- ⚡ Passenger Vehicles



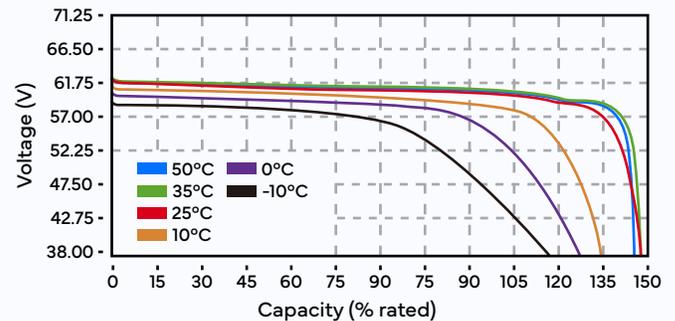
## PERFORMANCE CHARACTERISTICS



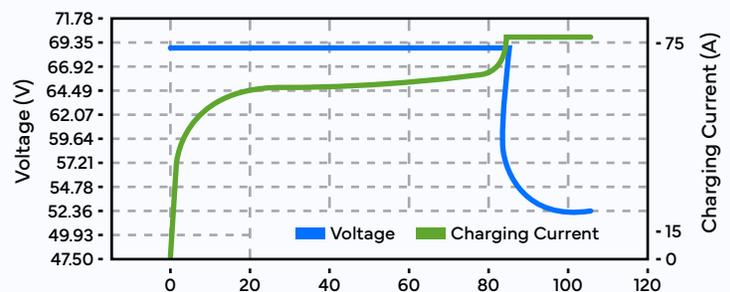
**Cycle Life vs. Depth of Discharge (DOD)**  
Discharge @ 0.5C, 25 °C



**State of Charge Curve @ 0.5C, 25 °C**



**Discharge Capacity at Various Temperatures**  
Discharge @ 0.5C, 25 °C



**Charging Characteristics @ 0.5C, 25 °C**