DATA SHEET

38.4V 52Ah - LONG LASTING POWER





UL 1492 (Cell Level) & UN 38.3

GENERAL SPECIFICATIONS	
Model Number	GT36V52-CAN-A20
Nominal Capacity	52Ah
Nominal Energy	1997Wh
Nominal Voltage	38.4V
Dimensions (LxWxH)	13in x 6.9in x 8.9in
Weight	33 lbs
Heated Battery	
Communication Method	CANBus / Optional Bluetooth

CHARGING	
Charging Temperature Range	32°F to 131°F (0°C to 55°C)
Charge Method	cc/cv
Absorb Voltage	42 to 43.2 Volts
Maximum Current	50Amps
Recommended Current	25Amps
Cycle Life	6000
Charge Efficiency	99%

DISCHARGING	
Discharging Temperature Range	-4°F to 140°F (-20°C to 60°C)
Discharge Current	50Amps Continuous
Discharge Current 3 Seconds	150Amps
Discharge Cutoff Voltage	30 Volts: Any Cell (2.5 Volts)
Recommended Low Voltage Disconnect	36 Volts

GRAND TETON Manufactored and distributed by Grand Teton Energy Systems.

Performance may vary depending on application. All Specifications and operation conditions are subject to change without notice. This data is for evaluation purposes only. No quarantee is intended or implied by this data, MDS.

All batteries meet UN 38.3 standards and comply with all U.S. and international regulations for air, ground, rail, and marine transport.

Version 001

SUPERIOR PERFORMANCE

- ✓ One-third the weight of lead-acid batteries for easier handling
- IP67-rated protection for durability in harsh conditions

FEATURES & BENEFITS

- Widely used in golf carts and tour buses
- ✓ Optimized for both starting and deep-cycle performance

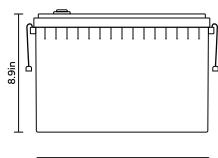
- Low self-discharge for extended shelf life

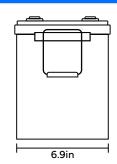
SAFE & RELIABLE

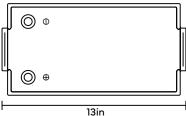
All batteries include an active Battery Management System (BMS) protection circuit that manages cell balancing, low-voltage cutoff, high-voltage cutoff, short-circuit protection, and temperature protection, ensuring enhanced performance and longer lifespan.

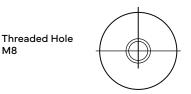
OPERATING TEMPERATURE Environmental Operating Temps. -40°F min, 120°F max Battery Heater Turns on During Charge Below 59°F

DIMENSIONS









M8