

DATA SHEET

36 V 52 Ah



GENERAL SPECIFICATIONS

Model	GT36V52-CAN-A20
Chemistry	LiFePO4
Nominal Voltage	38.4 V
Nominal Capacity	52 Ah
Nominal Energy	1997 Wh
Cycle Life	6000

MECHANICAL SPECIFICATIONS

Dimensions (L x W x H)	13 in x 6.9 in x 8.9 in
Weight	33 lb
Terminal Type	M8
Enclosure Protection	IP67

TEMPERATURE SPECIFICATIONS

Charge Temperature	0 °C to 55 °C (32 °F to 131 °F)
Discharge Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Environmental Operating Temp.	-40 °C to 48 °C (-40 °F to 120 °F)
Battery Heater Turns on During Charge	Below 15 °C (59 °F)

OTHER SPECIFICATIONS

Charge Efficiency	99%
Bluetooth App	Optional
CAN bus Communication	Yes
Battery Heater	Yes

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.

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CHARGE SPECIFICATIONS

Charge Mode	CC-CV
Maximum Charge Current	50 A
Recommended Charge Current	25 A
Absorb Voltage	42 V to 43.2 V

DISCHARGE SPECIFICATIONS

Discharge Current	150 A for 3 s
Continuous Discharge Current	50 A
Discharge Cutoff Voltage	30 V
Recommended Low Voltage Disconnect	36 V

COMPLIANCE SPECIFICATIONS

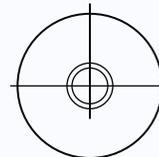
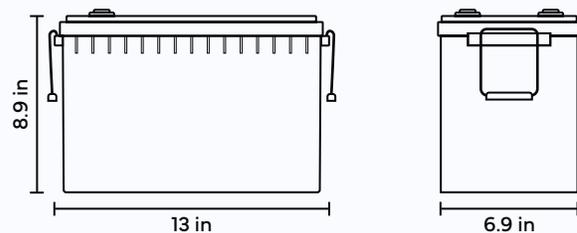
Certification (Battery Pack)	CE UN38.3 MSDS
Shipping Classification	UN3480 Class 9

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



Threaded Hole - M8