

DATA SHEET

36 V 105 Ah



GENERAL SPECIFICATIONS

Model	GT36V105-CAN-A20
Chemistry	LiFePO4
Nominal Voltage	38.4 V
Nominal Capacity	105 Ah
Nominal Energy	4032 Wh
Cycle Life	6000

MECHANICAL SPECIFICATIONS

Dimensions (L x W x H)	20.6 in x 9.7 in x 8.7 in
Weight	71 lb
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 Temps.	-40 °C to 50 °C (-40 °F to 120 °F)
Battery Heater Turns on During Charge	Below 15 °C (59 °F)

OTHER SPECIFICATIONS

Parallel/Series Connection	4 Parallel / 4 Series Support
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	100 A
Recommended Charge Current	50 A
Absorb Voltage	42 V to 43.2 V

DISCHARGE SPECIFICATIONS

Discharge Current	< 300 A for 3 s
Continuous Discharge Current	100 A
Discharge Cutoff Voltage	30 V
Recommended Low Voltage Disconnect	36 V

COMPLIANCE SPECIFICATIONS

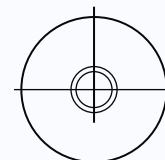
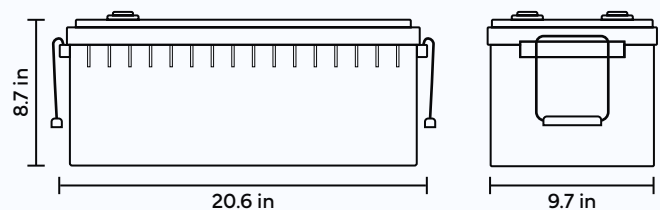
Certification (Battery Pack)	CE UN38.3 MSDS
Shipping Classification	UN3480 Class 9

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