

Data Sheet

12.8V 208Ah - Small Format



General Specifications

Model	GT12V208-SF-A20
Chemistry	LiFePO4
Nominal Voltage	12.8 V
Nominal Capacity	208 Ah
Nominal Energy	2662 Wh
Cycle Life	6000 cycles

Mechanical Specifications

Dimensions (L x W x H)	13.1 in x 6.9 in x 10.9 in
Weight	44 lbs

Temperature Specifications

Charge Temperature	-20 °C to 55 °C (-4 °F to 131 °F)
Discharge Temperature	-30 °C to 60 °C (-22 °F to 140 °F)
Storage Temperature	10 °C to 35 °C (50 °F to 95 °F)

Other Specifications

Efficiency	99%
Parallel/Series Connection	16 Parallel / 4 Series
Communication	RS232 CAN bus
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.

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Charge Specifications

Charge Mode	CC-CV
Recommended Charge Current	50 A
Maximum Charge Current	100 A
BMS Charge Cutoff Voltage	14.6 V
Reconnect Voltage	14 V

Discharge Specifications

Recommended Discharge Current	150 A
Discharge Cutoff Voltage	10 V
Peak Discharge Current	400 A (for 3 seconds)
Recommended Low Voltage Disconnect	12 V

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

