

Data Sheet

12.8V 230Ah



General Specifications

Model	GT12V230-CAN-A30
Chemistry	LiFePO4
Nominal Voltage	12.8 V
Nominal Capacity	230 Ah
Nominal Energy	2944 Wh
Cycle Life	>6000 cycles @ 80% DOD

Mechanical Specifications

Dimensions (L x W x H)	12.6 in x 8.7 in x 9.8 in
Weight	50 lbs
Casing Material	ABS
Terminal Type	M8

Temperature Specifications

Charge Temperature	0 °C to 45 °C (32 °F to 113 °F)
Discharge Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Storage Temperature	0 °C to 40 °C (32 °F to 104 °F)

Other Specifications

Parallel/Series Connection	4 Parallel / 4 Series
Bluetooth App	Yes
Low Temperature Heating	Yes (Optional)
Communication	CAN bus

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 09-03-2026

Charge Specifications

Charge Voltage	14.6 V $\pm$ 0.2 V
Charge Mode	CC-CV
Recommended Charge Current	$\leq$ 150 A
BMS Charge Cutoff Voltage	14.6 V
Reconnect Voltage	14.2 V

Discharge Specifications

Recommended Discharge Current	200 A
Discharge Cutoff Voltage	10 V
Reconnect Voltage	10.8 V

Compliance Specifications

Certification (Battery Pack)	CE UN38.3 MSDS
Certification (Cell)	UL1973
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

