

DATA SHEET

51 V 52 Ah - Replaces GC12



CHARGE SPECIFICATIONS

Charge Mode	CC-CV
Recommended Charge Current	25 A
Maximum Charge Current	50 A

DISCHARGE SPECIFICATIONS

Recommended Discharge Current	50 A Continuous
Discharge Cutoff Voltage	40 V
Peak Instant Discharge Current	200 A for 3 s
Recommended Low Voltage Disconnect	48 V

COMPLIANCE SPECIFICATIONS

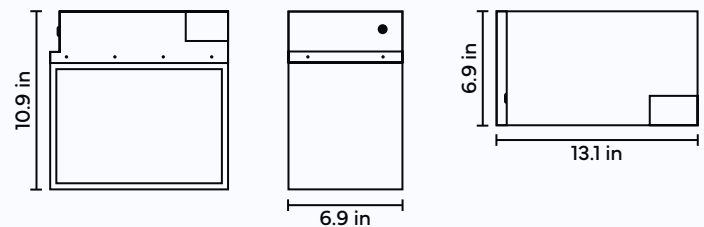
Certification (Battery Pack)	CE UN38.3 MSDS
Shipping Classification	UN3480 Class 9

BATTERY RECYCLE

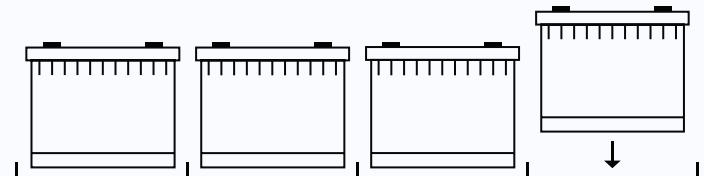


NOTE: Do not mix with sealed lead-acid batteries when recycling. Refer to the Grand Teton user manual for proper operation.

BATTERY DIMENSIONS



Easy Drop-in Replacement



GENERAL SPECIFICATIONS

Model	GT51V52-GC12-SF-A20
Chemistry	LiFePO4
Nominal Voltage	51.2 V
Nominal Capacity	52 Ah
Nominal Energy	2560 Wh
Cycle Life	6000

MECHANICAL SPECIFICATIONS

Dimensions (L x W x H)	13.1 in x 6.9 in x 10.9 in
Weight	44 lb
Enclosure Protection	IP67

TEMPERATURE SPECIFICATIONS

Charge Temperature	0 °C to 55 °C
Discharge Temperature	-20 °C to 60 °C
Environmental Operating Temps.	-30 °C to 50 °C
Avoid Charging	< 0 °C

OTHER SPECIFICATIONS

Efficiency	99%
Communication	CAN bus
Parallel/Series Connection	16 Parallel / No Series

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