

# DATA SHEET

## 36 V 65 Ah - GC



### GENERAL SPECIFICATIONS

Model	GT36V65-GC-A20
Chemistry	LiFePO4
Nominal Voltage	38.4 V
Nominal Capacity	65 Ah
Nominal Energy	2496 Wh
Run time @ 25 A load	2.6 hours @ 25 °C

### MECHANICAL SPECIFICATIONS

Dimension (L x W x H)	13 in x 6.9 in x 8.9 in
Weight	42 lb
Hardware Torque	80 in-lb. (9 N-m)
Hardware	M8 Bolts   Washer   Lock Washer

### TEMPERATURE SPECIFICATIONS

Charge Temperature	0 °C to 55 °C
Discharge Temperature	-20 °C to 60 °C
Storage Temperature	-20 °C to 35 °C

### OTHER SPECIFICATIONS

Self-Discharge	4% per month
Charge Efficiency	99%
Bluetooth App	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	60 A @ 25 °C
Recommended Charge Current	30 A
Absorb Voltage	42 V to 43.2 V
Recommended CV Time	15 min

### DISCHARGE SPECIFICATIONS

Continuous Discharge Current	60 A
Discharge Current	150 A for 3 s
Discharge Cutoff Voltage	30 V
Recommended Low Voltage Disconnect	36 V
Short Circuit Protection	10C for 250 μs
Short Circuit Protection Release	Disconnect the load

### COMPLIANCE SPECIFICATIONS

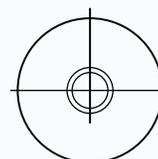
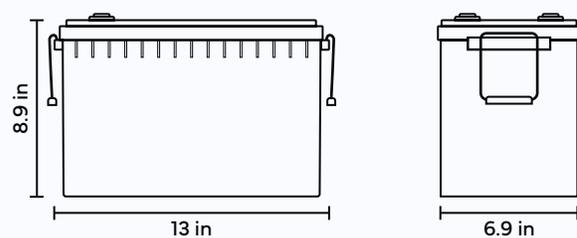
Certification (Battery Pack)	UN38.3
Shipping Classification	UN3480   Class 9

### 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