

# DATA SHEET

## 36 V 16 Ah



### GENERAL SPECIFICATIONS


Model	GT36V16-A20
Chemistry	NCM
Nominal Voltage	36 V
Nominal Capacity	16.9 Ah
Nominal Energy	608.4 Wh
Cycle Life	≥ 80% DOD @ 800 Cycles

### MECHANICAL SPECIFICATIONS

Dimensions (L x W x H)	7.13 in x 3.03 in x 6.58 in
Weight	< 8.82 lb
Casing Material	ABS
Terminal Type	M5
Enclosure Protection	IP67

### TEMPERATURE SPECIFICATIONS

Charge Temperature	0 °C to 45 °C
Discharge Temperature	-20 °C to 60 °C
Storage Temperature	-20 °C to 60 °C (1 month) -20 °C to 45 °C (3 months) -20 °C to 25 °C (1 year)

 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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### OTHER SPECIFICATIONS

Self-Discharge	≤ 10% per month @ 25 °C
Bluetooth App	No
Communication	No

### CHARGE SPECIFICATIONS

Charge Voltage	42.5 V
Charge Mode	CC-CV
Recommended Charge Current	8.5 A
Maximum Charge Current	17 A
BMS Charge Cutoff Voltage	42.5 V

### DISCHARGE SPECIFICATIONS

Recommended Discharge Current	25 A
Maximum Continuous Discharge Current	50 A
Discharge Cutoff Voltage	25 V

### COMPLIANCE SPECIFICATIONS

Certification (Battery Pack)	UL   IEC 62133-2   CE   UN38.3   MSDS
Certification (Cell)	UL1642

### 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

