

# DATA SHEET

## 24 V U1-1



### GENERAL SPECIFICATIONS

Model	K2B24VU1-1
Average Operating Voltage @ C/5	25.6 V
Nominal Capacity @ C/5	22.2 Ah

### MECHANICAL SPECIFICATIONS

Dimension (L x W x H)	7.8 in x 5.2 in x 6.8 in
Weight	11.7 lb
Protection Control Module*	

### TEMPERATURE SPECIFICATIONS

High Operating Temp	60 °C
Low Operating Temp	-20 °C

### OTHER SPECIFICATIONS

Max Modules in Series	2
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### CHARGE SPECIFICATIONS

Charge Current	≤ 11.1 A
Charge Cutoff Voltage	29.2 V

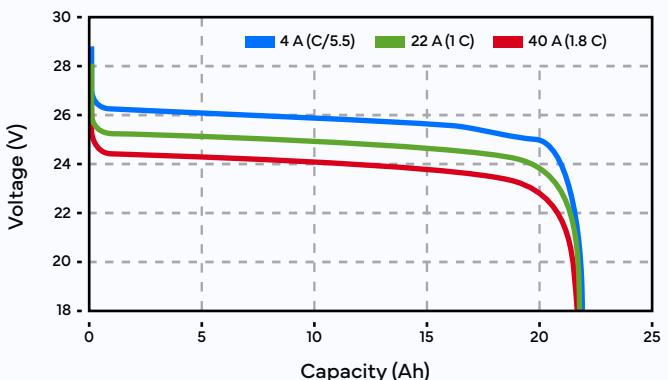
### DISCHARGE SPECIFICATIONS

Continuous Discharge	≤ 35 A
Discharge Cutoff Voltage	20.0 V
Pulse Discharge ≤ 30 seconds	≤ 40 A

### CONSTANT CURRENT TIME PROFILE @ 25 °C

C/20 (1.1 A)	20 hrs
C/5.5 (4 A)	5.6 hrs
C/2.2 (10 A)	133 min
0.9C (20 A)	66 min
1.8C (40 A)	33 min

### DISCHARGE RATES @ 25 °C

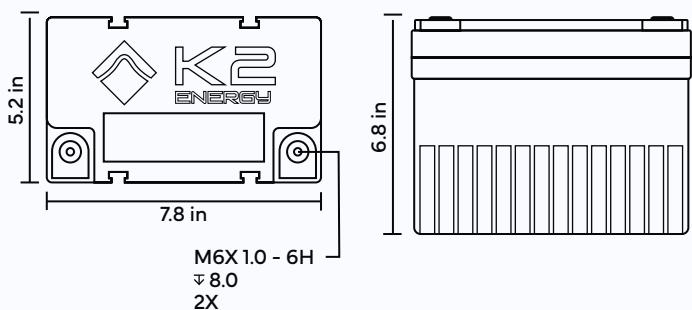


### BATTERY RECYCLE



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

### BATTERY DIMENSIONS



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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