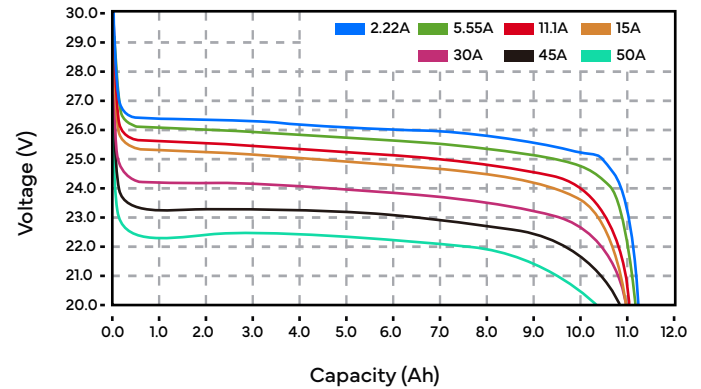


# DATA SHEET

## K2B24V11EB - HIGH CAPACITY | ENERGY BATTERY DATA



UNDOT 38.3 Tested | RoHS Compliant  
UL Certified | EC 62133 Certified



K2B24V11EB Discharge Rates at 23°C

### GENERAL SPECIFICATIONS

|                                     |          |
|-------------------------------------|----------|
| Nominal Capacity @ C/5 (Ah)         | 11.1     |
| Average Operating Voltage @ C/5 (V) | 25.6     |
| Weight                              | 5.51 lbs |
| Height                              | 6.50 in  |
| Width                               | 3.52 in  |
| Length                              | 4.53 in  |

### RECOMMENDED OPERATING CONDITIONS

|                              |        |
|------------------------------|--------|
| Continuous Discharge (A)     | ≤ 11.1 |
| Charge Current (A)           | ≤ 5.5  |
| Charge Voltage Cutoff (V)    | 29.2   |
| Discharge Voltage Cutoff (V) | 20.0   |
| High Operating Temp (°C)     | 55     |
| Low Operating Temp (°C)      | 5      |

### MAXIMUM OPERATING CONDITIONS

|                                |       |
|--------------------------------|-------|
| Continuous Discharge (A)       | ≤ 25  |
| Pulse Discharge (A) 30 seconds | 40    |
| Charge Current (A)             | ≤ 9.6 |

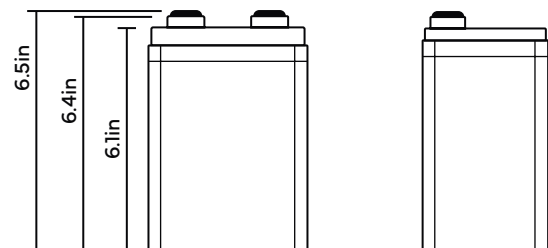
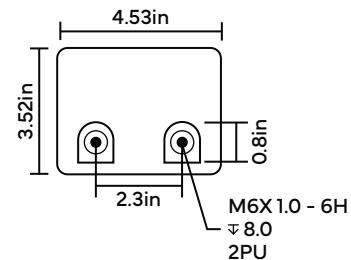
### ADVANCED FEATURES


- ⚡ Short Circuit Protection
- ⚡ High Voltage Cut Off
- ⚡ Low Voltage Cut Off
- ⚡ Cell Balancing
- ⚡ Compatible With Most 12V Lead Acid Charges

### CONSTANT CURRENT TIME PROFILE @ 25°C

|               |        |
|---------------|--------|
| C/20 (0.55 A) | 20 hrs |
| C/2 (5.5 A)   | 2 hrs  |
| 1C (11.1 A)   | 60 min |
| 2C (22.2 A)   | 30 min |
| 2.25C (25 A)  | 25 min |

### DIMENSIONS



 Manufactured and distributed by Grand Teton Energy Systems.

Performance may vary depending on application. All Specifications and operation conditions are subject to change without notice. This data is for evaluation purposes only. No guarantee is intended or implied by this data. MDS.