

# Data Sheet

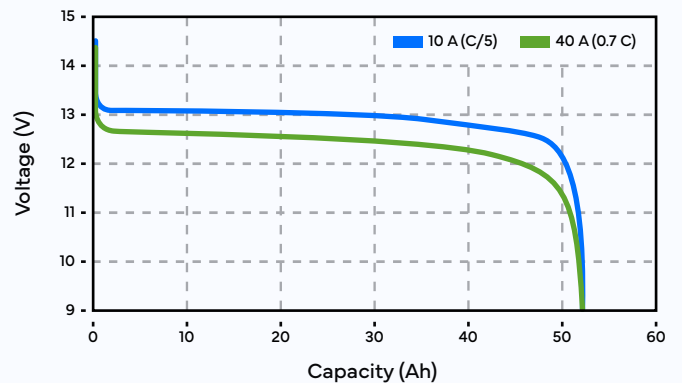
12.8V 51.8Ah



## Constant Current Time Profile @ 25 °C

|              |         |
|--------------|---------|
| C/20 (2.6 A) | 20 hrs  |
| C/5 (10 A)   | 5.2 hrs |
| C/2 (25 A)   | 125 min |
| 0.7 C (40 A) | 78 min  |

## Discharge Rates @ 25 °C

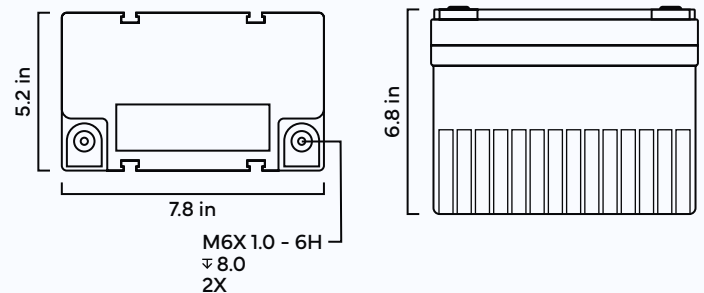


## Battery Recycle



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

## Battery Dimensions



## General Specifications

|                                 |            |
|---------------------------------|------------|
| Model                           | K2B12VU1-1 |
| Average Operating Voltage @ C/5 | 12.8 V     |
| Nominal Capacity @ C/5          | 51.8 Ah    |

## Mechanical Specifications

|                            |                          |
|----------------------------|--------------------------|
| Dimension (L x W x H)      | 7.8 in x 5.2 in x 6.8 in |
| Weight                     | 12.5 lbs                 |
| Protection Control Module* |                          |

## Temperature Specifications

|                     |                |
|---------------------|----------------|
| High Operating Temp | 60 °C (140 °F) |
| Low Operating Temp  | -20 °C (-4 °F) |

## Other Specifications

|                            |                        |
|----------------------------|------------------------|
| Parallel/Series Connection | 14 Parallel / 4 Series |
|----------------------------|------------------------|

## Charge Specifications

|                       |        |
|-----------------------|--------|
| Charge Current        | ≤26 A  |
| Charge Cutoff Voltage | 14.6 V |

## Discharge Specifications

|                              |       |
|------------------------------|-------|
| Continuous Discharge         | ≤35 A |
| Discharge Voltage Cutoff     | 10 V  |
| Pulse Discharge ≤ 30 seconds | ≤40 A |

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