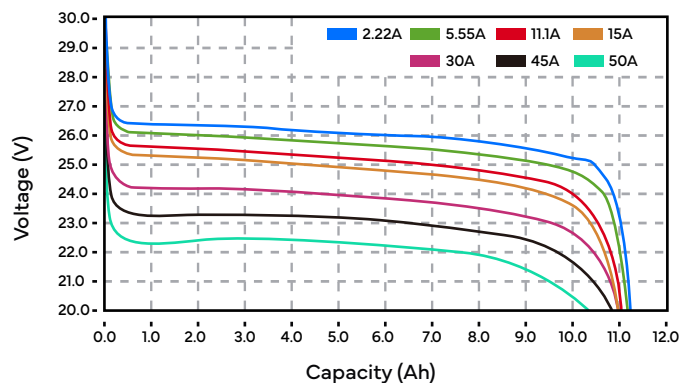


DATA SHEET

K2B12V22EB - HIGH CAPACITY | ENERGY BATTERY DATA



UNDOT 38.3 TESTED | RoHS Compliant



K2B12V22EB Discharge Rates at 23°C

GENERAL SPECIFICATIONS

Nominal Capacity @ C/5 (Ah)	22.2
Average Operating Voltage @ C/5 (V)	12.8
Protection Control Module*	
Weight	5.51 lbs
Height	6.50 in
Width	3.52 in
Length	4.53 in

RECOMMENDED OPERATING CONDITIONS

Continuous Discharge (A)	≤ 11.1
Pulse Discharge (A) 30 Seconds	25
Charge Current (A)	≤ 5.55
Charge Voltage Cutoff (V)	14.6
Discharge Voltage Cutoff (V)	10.0
High Operating Temp (°C)	55
Low Operating Temp (°C)	5

MAXIMUM OPERATING CONDITIONS

Continuous Discharge (A)	≤ 30
Pulse Discharge (A) 30 seconds	40
Charge Current (A)	≤ 11.1
Max Modules in Series	2

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.

Version 001

ADVANCED FEATURES

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

CONSTANT CURRENT TIME PROFILE @ 25°C

C/20 (1.11 A)	20 hrs
C/10 (2.22 A)	10 hrs
C/5 (4.44 A)	5 hrs
C/2 (11.1 A)	2 hrs
1C (22.2 A)	1 hr

DIMENSIONS

