

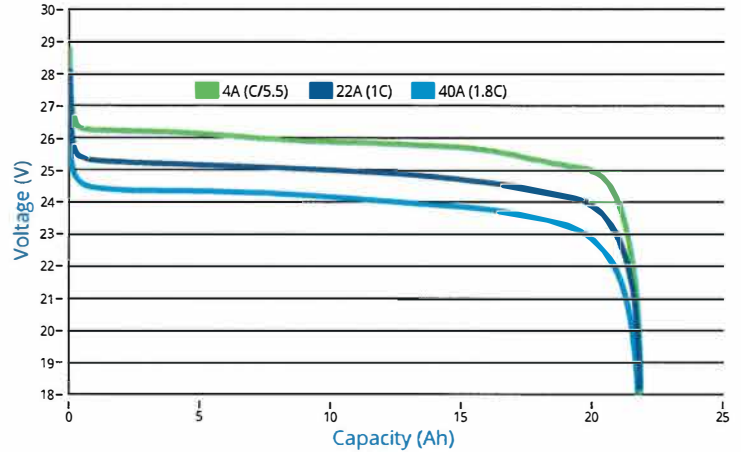


HIGH CAPACITY **K2B24VU1-1** ENERGY BATTERY



UNDOT 38.3 Tested | RoHS Compliant

K2B24VU1-1 Discharge Rates, 25°C



SPECIFICATIONS

Nominal Capacity @ C/5 (Ah)	22.2
Average Operating Voltage@ C/5 (V)	25.6
Weight (kg/lbs)	5.3 / 11.7
Height (mm/in)	173 / 6.8
Width (mm/in)	132 / 5.2
Length (mm/in)	197 / 7.8
Protection Control Module	

RECOMMENDED OPERATING CONDITIONS

Continuous Discharge (A)	≤ 35
Pulse Discharge (A) ≤ 30 sec	≤ 40
Charge Current (A)	≤ 11.1
Charge Voltage Cutoff (V)	29.2
Discharge Voltage Cutoff (V)	20.0
High Operating Temp (°C)	60
Low Operating Temp (°C)	-20

MAXIMUM OPERATING CONDITIONS

Continuous Discharge (A)	≤ 40
Pulse Discharge (A) ≤ 30 sec	≤ 70
Pulse Discharge (A) ≤ 10 sec	≤ 90
Charge Current (A)	≤ 22.2
Max Modules in Series	2

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, P0044 REV-D
Engineering Part Number: 702150

CONSTANT CURRENT DISCHARGE TIME PROFILE @ 25°C

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

ADVANCED FEATURES

Short Circuit Protection	High Voltage Cut Off	Low Voltage Cut Off	Auto Cell Balancing	K2 Charger Available
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DIMENSIONS:

