

HIGH CAPACITY K2B12V10EB ENERGY BATTERY DATA



UNDOT 38.3 | RoHS Compliant

SPECIFICATIONS:

Nominal Capacity @ C/5 (Ahr)	9.6
Average Operating Voltage @ C/5	12.8
Internal Impedance @ 1kHz, AC (mΩ)	<5.0
Weight (kg/lbs)	1.3 / 2.87
Height (mm/inch)	97.3 / 3.83
Width (mm/inch)	64.3 / 2.53
Length (mm/inch)	151 / 5.94

RECOMMENDED OPERATING CONDITIONS:

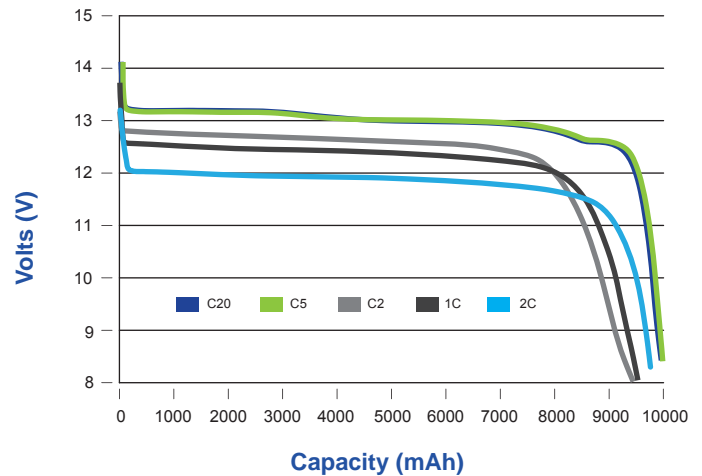
Continuous Discharge (A)	≤9.6
Pulse Discharge (A) 30 seconds	25
Charge Current (A)	≤4.8
Charge Voltage Cutoff (V)	14.6
Discharge Voltage Cutoff (V)	10.0
High Temp Operating Temp (°C)	60
Low Temp Operating Temp (°C)	-20

MAXIMUM OPERATING CONDITIONS:

Continuous Discharge (A)	≤24
Pulse Discharge (A) ≤2 seconds	40
Charge Current (A)	≤9.6
Charge Voltage Cutoff (V)	16.4
Max Module In Series	4

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.

K2B12V10 at Different Discharge Rates



K2B12V10 Constant Current Time Profile @ 25°C

C/20 (0.48 A)	C/2 (4.8 A)	1C (9.6 A)	2C (19.2 A)	2.6C (25 A)
20 hrs	2 hrs	60 min	29 min	24 min

DIMENSIONS:

