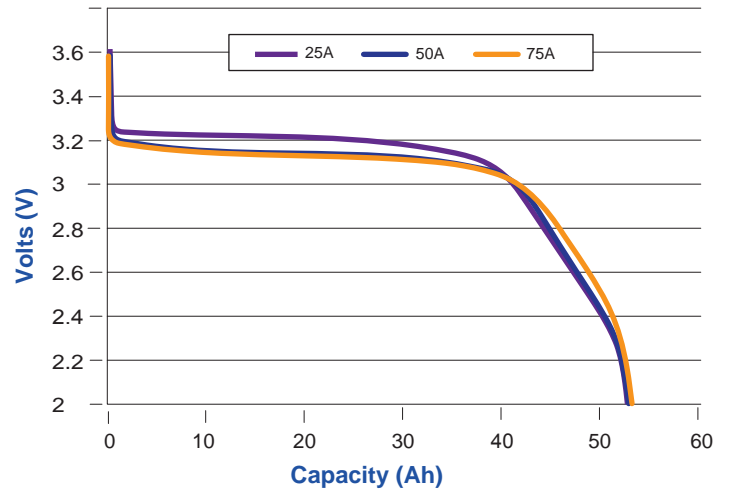


HIGH CAPACITY K2B3V51E ENERGY MODULE DATA



UNDOT 38.3 | RoHS Compliant

K2B3V51E Discharge Curves at Different Rates



SPECIFICATIONS:

Nominal Capacity @ C/5(Ahr)	51.2
Average Operating Voltage @ C/5	3.2
Weight (kg)	1.8
Height (mm)	133
Width (mm)	81
Length (mm)	123

RECOMMENDED OPERATING CONDITIONS:

Continuous Discharge (A)	≤ 51.2
Pulse Discharge (A) 30 seconds	170
Charge Current (A)	≤ 10
Charge Voltage Cutoff (V)	3.65
Discharge Voltage Cutoff (V)	2.5
High Temp Operating Temp (°C)	60
Low Temp Operating Temp (°C)	-20

MAXIMUM OPERATING CONDITIONS:

Continuous Discharge (A)	≤ 170
Pulse Discharge (A) ≤ 2 seconds	400
Charge Voltage Cutoff (V)	4.1
Discharge Voltage Cutoff (V)	2.0

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 P0002/A

K2B3V51E Constant Current Time Profile @ 25°C

C/20 (2.56 A)	C/2 (25.6 A)	1C (51.2A)	2C (102.4 A)	3.3C (170 A)
20 hrs	2 hrs	60 min	29 min	18 min

DIMENSIONS:

