

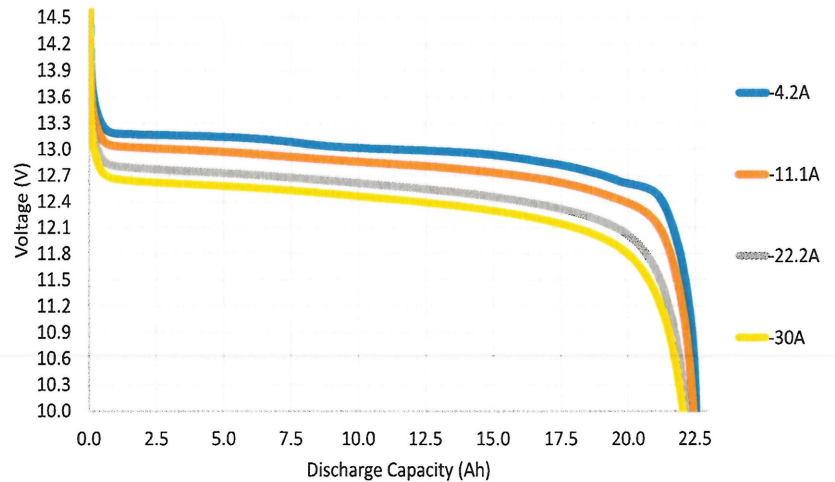
## HIGH CAPACITY **K2B12V22EB** ENERGY BATTERY DATA



PN K2B12V22EB

UNDOT 38.3 Tested | RoHS Compliant

K2B12V22EB Discharge Rates at 23°C



### SPECIFICATIONS

Nominal Capacity @ C/5 (Ah)	22.2
Average Operating Voltage@ C/5 (V)	12.8
Protection Control Module*	
Weight (kg/lbs)	2.5 / 5.51
Height (mm/in)	165.0 / 6.50
Width (mm/in)	89.5 / 3.52
Length (mm/in)	115 / 4.53

### 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

Contact K2 about operating outside stated limits.

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\_P0007 REV-A 2020

Engineering Part Number:

### K2B12V22 Constant Current Time Profile @ 25 C°

C/20 (1.11 A)	C/10 (2.22 A)	C/5 (4.44 A)	C/2 (11.1 A)	1C (22.2 A)
20 hrs	10 hrs	5 hrs	2 hrs	1 hr
ADVANCED FEATURES				
Short Circuit Protection	High Voltage Cut Off	Low Voltage Cut Off	Compatible With Most 12V Lead Acid Chargers	

\*Cell balancing, low voltage cutoff, high voltage cutoff, & short circuit protection

### DIMENSIONS:

