

## HIGH CAPACITY K2B12V22EB ENERGY BATTERY DATA



PN K2B12V22EB

UNDOT 38.3 Tested | RoHS Compliant

		K2	B12V2	2EB Di	scharge	e Rates	at 23°	С		
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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 da ata a MDS. P008FV-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	20 hrs 10 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:**

