

HIGH CAPACITY **K2B12V19EB** ENERGY BATTERY DATA



UNDOT 38.3 Tested | RoHS Compliant
UL 2054 Certified | IEC 62133 Certified

SPECIFICATIONS

Nominal Capacity @ C/5 (Ah)	19.2
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

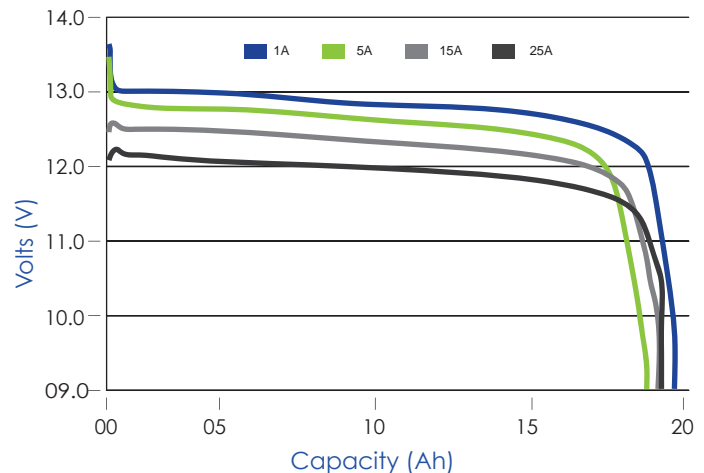
Continuous Discharge (A)	≤ 9.6
Pulse Discharge (A) 30 Seconds	25
Charge Current (A)	≤ 4.8
Charge Voltage Cutoff (V)	14.6
Discharge Voltage Cutoff (V)	10.0
High Operating Temp (°C)	60
Low Operating Temp (°C)	-20

MAXIMUM OPERATING CONDITIONS

Continuous Discharge (A)	≤ 24
Pulse Discharge (A) 30 seconds	40
Charge Current (A)	≤ 9.6
Charge Voltage Cutoff (V)	16.4
Discharge Voltage Cutoff (V)	8.0
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. P0007 REV- B 2016

K2B12V19 Discharge Curves at Different Rates



K2B12V19 Constant Current Time Profile @ 25 C°

C/20 (0.96 A)	C/10 (1.9 A)	C/5 (3.8 A)	C/2 (9.6 A)	1C (19.2 A)
20 hrs	10 hrs	5 hrs	2 hrs	1 hr

A D V A N C E D F E A T U R E S

Short Circuit Protection	High Voltage Cut Off	Low Voltage Cut Off	Compatible With Most 12V Lead Acid Chargers
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*Cell balancing, low voltage cutoff, high voltage cutoff, & short circuit protection

DIMENSIONS:

