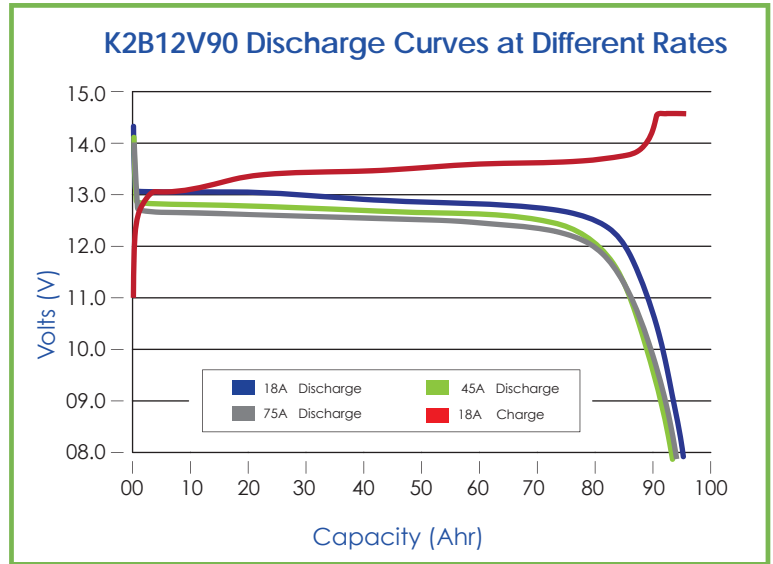


HIGH CAPACITY **K2B12V90E** ENERGY MODULE DATA *(Preliminary)*



UNDOT 38.3 Tested | RoHS Compliant



SPECIFICATIONS

Nominal Capacity @ C/5 (Ah)	89.6
Average Operating Voltage @ C/5 (V)	12.8
Weight (kg/lbs)	12.0 / 26.5
Height (mm/in)	208 / 8.29
Width (mm/in)	162 / 6.48
Length (mm/in)	246 / 9.75

RECOMMENDED OPERATING CONDITIONS

Continuous Discharge (A)	≤ 90
Pulse Discharge (A) 30 Seconds	300
Charge Current (A)	≤ 18
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)	≤ 300
Pulse Discharge (A) ≤2 seconds	700
Charge Voltage Cutoff (V)	16.4
Discharge Voltage Cutoff (V)	8.0

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. P0004.1 REV- A

K2B12V90 Constant Current Time Profile @ 25 C°

C/20 (4.48 A)	C/10 (8.96 A)	C/5 (17.92 A)	C/2 (44.8 A)	1C (89.6 A)
20 hrs	10 hrs	5 hrs	2 hrs	1 hr

DIMENSIONS:

