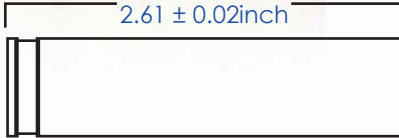


HIGH CAPACITY **K218650UP01** POWER CELL DATA



DIMENSIONS:

PN: LFP18650P-1350-01

 $18.2 \pm .20\text{mm}$
 $0.717 \pm .01\text{inch}$
 $65.2 \pm .4\text{mm}$
 $2.61 \pm 0.02\text{inch}$

 UNDOT 38.3 Tested | RoHS Compliant
 UL1642 | IEC 62133 Pending**

SPECIFICATIONS

Nominal Capacity @ C/5 (Ah)	1.35
Average Operating Voltage @ C/5 (V)	3.3
Internal Impedance @ 1kHz, AC(mΩ)	<13
Weight (g/oz)	41 ± 2 / 1.45

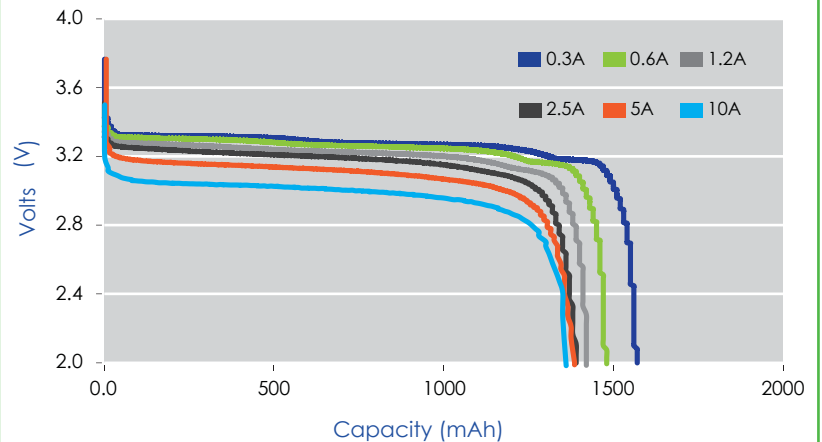
RECOMMENDED OPERATING CONDITIONS

Continuous Discharge (A)	10
Pulse Discharge (A) 30 Seconds	20
Charge Current (A)	≤ 1.35
Charge Voltage Cutoff (V)	3.65
Discharge Voltage Cutoff (V)	2.50
High Operating Temp (°C)	60
Low Operating Temp (°C)	-20

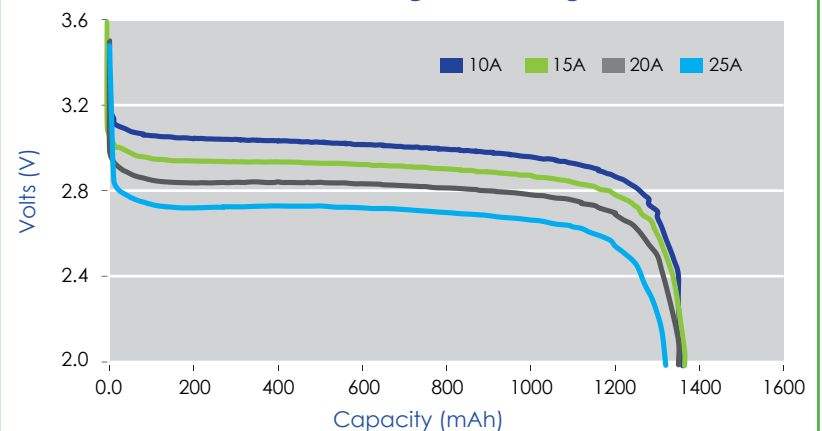
MAXIMUM OPERATING CONDITIONS

Continuous Discharge (A)	21
Pulse Discharge (A) 30 Seconds	35
Short Pulse Discharge (A)	70
Charge Current (A)	2.7
Charge Voltage Cutoff (V)	4.1
Discharge Voltage Cutoff (V)	2.0
High Operating Temp (°C)	85*
Low Operating Temp (°C)	-40*

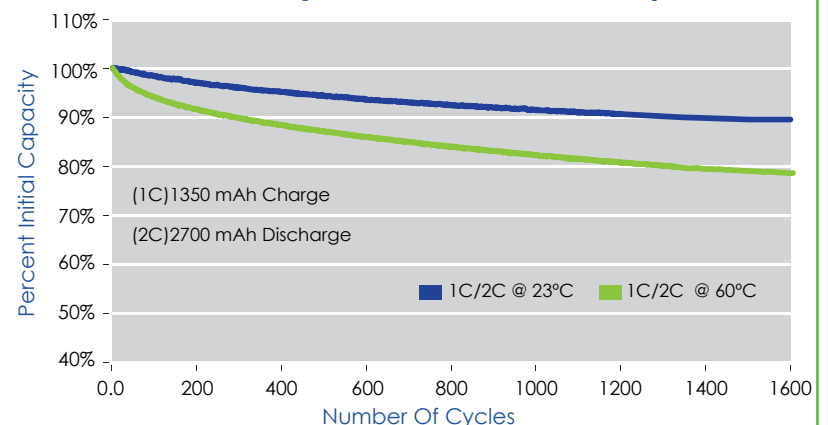
K218650UP01 at Different Discharge Rates



K218650UP01 at High Discharge Rates



K218650UP01 Life Cycle Data @ Various Temperatures



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. *May reduce cycle life ** Tested and certified - MDS. C0003 REV- B