

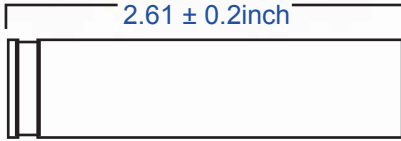
HIGH CAPACITY K218650P01 POWER CELL DATA



PN: LFP18650P-1

UNDOT 38.3 | RoHS Compliant

DIMENSIONS:

 $18.2 \pm .20\text{mm}$
 $0.717 \pm .01\text{inch}$
 $65.2 \pm .4\text{mm}$
 $2.61 \pm 0.2\text{inch}$


SPECIFICATIONS:

Nominal Capacity @ C/5 (Ah)	1.25
Average Operating Voltage @ C/5 (V)	3.2
Internal Impedance @ 1kHz, AC (mΩ)	19
Weight (g/oz)	$40.5 \pm 2 / 1.43$

RECOMMENDED OPERATING CONDITIONS:

Continuous Discharge (A)	5.0
Pulse Discharge (A) 30 Seconds	12
Charge Current (A)	≤ 1.25
Charge Voltage Cutoff (V)	3.65
Discharge Voltage Cutoff (V)	2.50
High Operating Temp (°C)	85*
Low Operating Temp (°C)	-20

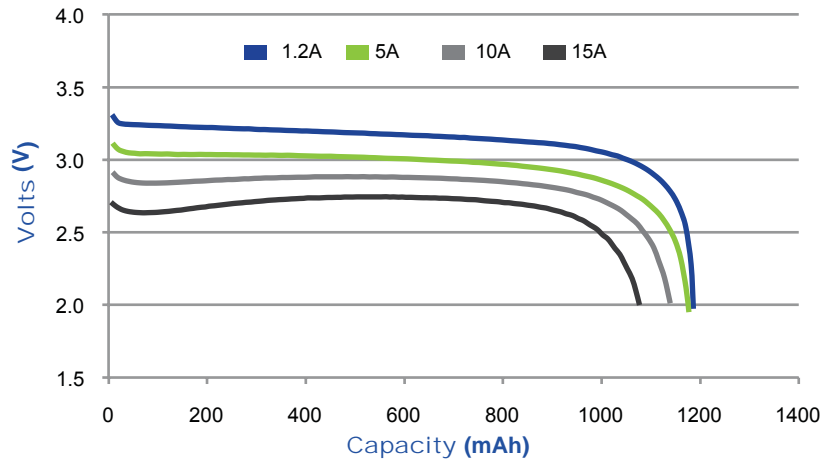
MAXIMUM OPERATING CONDITIONS:

Continuous Discharge (A)	21
Pulse Discharge (A) 30 Seconds	35
Short Pulse Discharge (A)	70
Charge Current (A)	2.4
Charge Voltage Cutoff (V)	4.1
Discharge Voltage Cutoff (V)	2.0

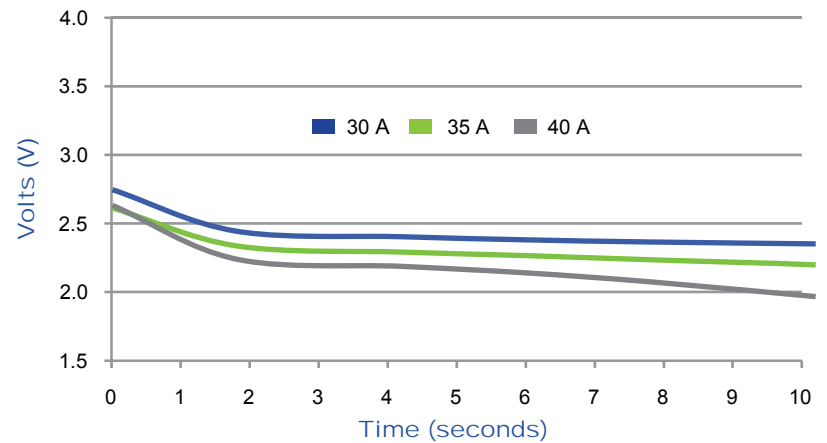
Performance may vary depending on application. All specifications and operation conditions are subject to change without notice. This data is for evaluation purposes only. No guarantee is intended or implied by this data. Rev. MDS-700080-001 / A

*May reduce cycle life

K218650P01 at Different Discharge Rates



K218650P01 High Rate Pulse Performance



K218650P01 Life Cycle Data @ 23C°

