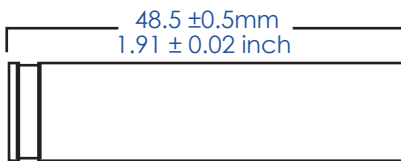
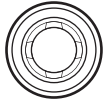


HIGH CAPACITY K214500P02 POWER CELL DATASHEET (Preliminary)



PN: LFP14500P-2

DIMENSIONS:
 $14.1 \pm 0.2\text{mm}$
 $0.55 \pm .01\text{inch}$

SPECIFICATIONS

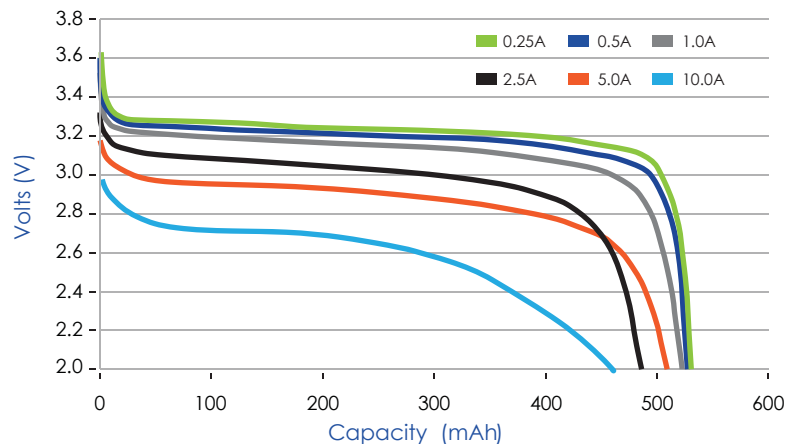
Nominal Capacity @ C/5 (mAh)	500
Average Operating Voltage @ C/5 (V)	3.3
Internal Impedance @ 1kHz, AC (mΩ)	<22
Weight (g/oz)	19 ± 2 / 0.67

RECOMMENDED OPERATING CONDITIONS

Continuous Discharge (A)	≤ 4.0
Pulse Discharge (A) 30 Seconds	≤ 7.5
Charge Current (A)	≤ 0.5
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)	7.5
Pulse Discharge (A) 30 Seconds	10
Short Pulse Discharge (A)	15
Charge Current (A)	1.0
Charge Voltage Cutoff (V)	4.1
Discharge Voltage Cutoff (V)	2.0
High Operating Temp (°C)	85*
Low Operating Temp (°C)	-40*

K214500P02 at Different Discharge Rates

Cycle Life Data:

At 1C charge 2C discharge, expected cycle life: +2000 cycles and will still be above 80% SOC.



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. C0006 REV- A 2015-03