

EMMERICH HIGH CAPACITY K218650P01 POWER CELL DATA

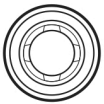


PN: LFP18650P-1

DIMENSIONS:

18.2 ± .20mm
0.717 ± .01inch

65.2 ± .4mm
2.61 ± 0.02inch



UNDOT 38.3 Tested | RoHS Compliant
| IEC 62133 Certified**

SPECIFICATIONS

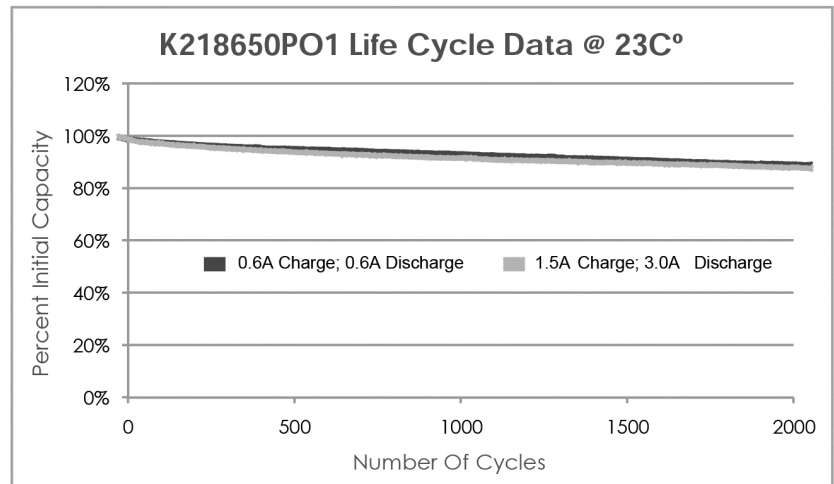
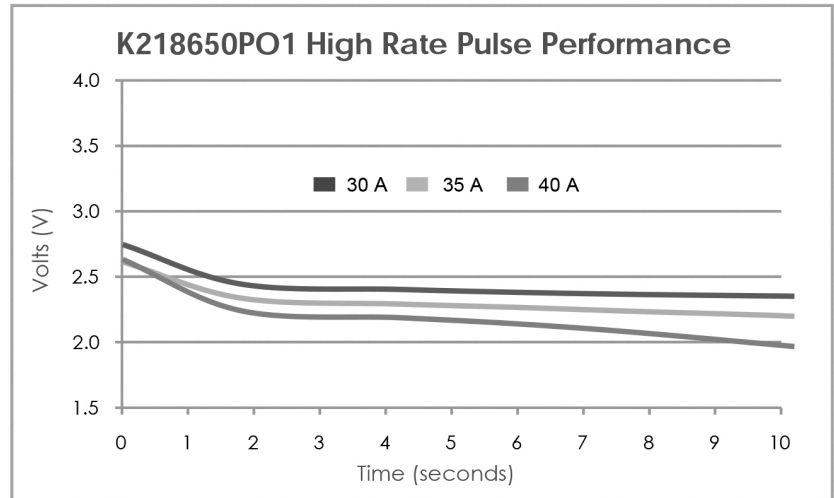
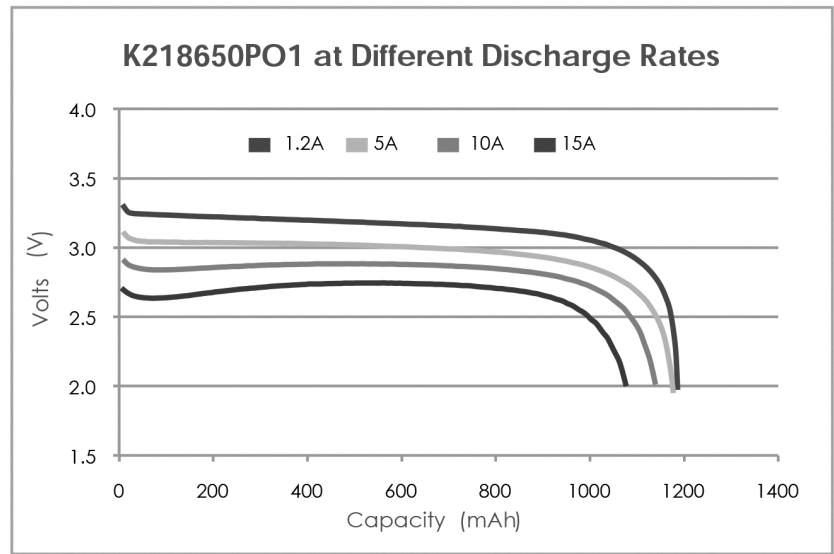
Nominal Capacity @ C/5 (Ah)	1.25
Average Operating Voltage @ C/5 (V)	3.2
Internal Impedance @ 1kHz, AC (mΩ)	<19
Weight (g/oz)	40 ± 2 / 1.43

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)	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)	2.4
Charge Voltage Cutoff (V)	4.1
Discharge Voltage Cutoff (V)	2.0
High Operating Temp (°C)	85*
Low Operating Temp (°C)	-40*



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