

Lithium ION Rechargeable System

UBP463048

System:	Lithium ION Rechargeable
Part No:	UBP003
Voltage Range:	4.20 to 3.0 Volts
Average Voltage:	3.7 Volts
Nominal Capacity:	600 mAh @ C/5 Rate @ 23°C
Max. Discharge:	2C Continuous
Energy:	2.2 Wh
Energy Density:	158 Wh/kg 368 Wh/l
Weight:	14.5 grams
Cycle Life:	500 Cycles @C/5 to 80% of initial capacity
Memory:	No Memory Effect
Operating Temp.:	-20°C to +60°C
Storage Temp.:	-20°C to +60°C
Self-Discharge:	<10% Per Month
Terminals:	Can (+), Cap (-)
Safety:	Meets UL1642 Standard
Transportation:	Excepted From Regulations (1) See Reverse for Details

PROTECTION CIRCUIT MODULE (PCM)

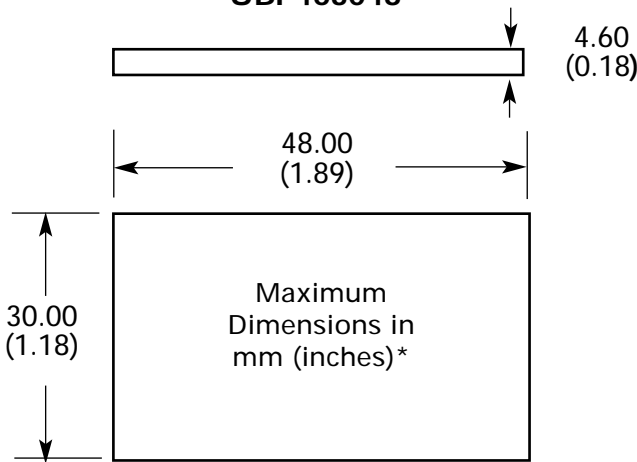
Over Voltage limit:	4.30 +/- 0.025 volts
Under voltage limit:	2.3 ± 0.25 V
Maximum Current:	2.5 A @ RT

CHARGING: Maximum charge rate at C to 4.20 in a temperature range of 0-45°C. Hold at 4.20V until current declines to C/10. Refer also to Technical Guide UBI-3050.



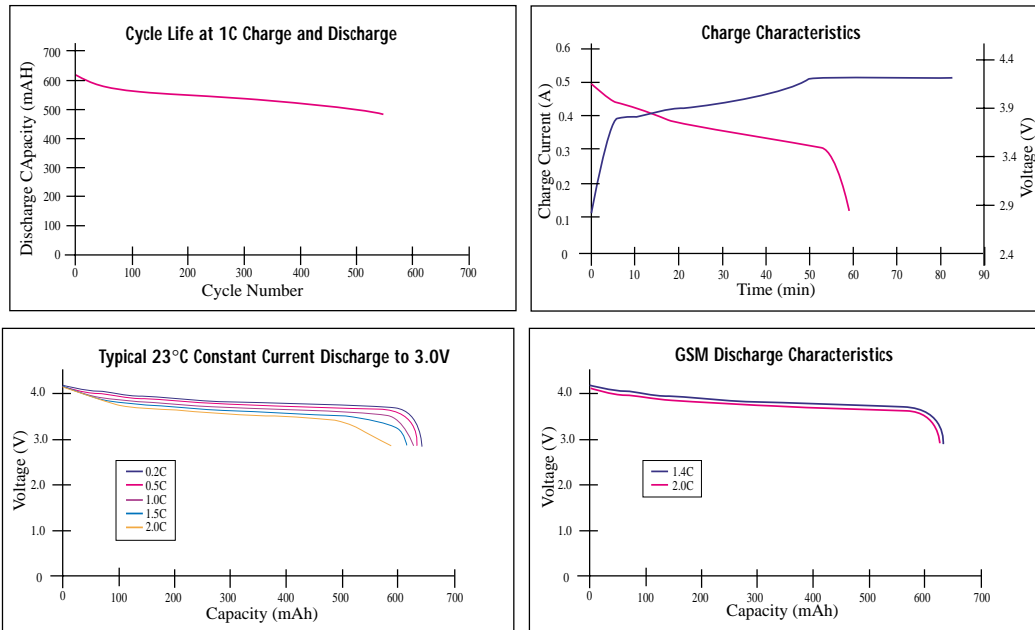
Extended Delivery
Contact Ultralife
for Availability

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* Supplied with PCM, shrink sleeve and wire leads (not shown)
Cell dimensions shown are without PCM and shrink sleeve, which will increase dimensions. Contact Ultralife.

UBP463048/ Performance Characteristics



- High energy density reduces weight without sacrificing performance
- High capacity to meet the demanding needs of today's electronics
- No memory effect - no need to fully discharge before recharging
- Wide storage and operating temperature range

(1) For a complete description of transportation regulations and definitions of the transportation classifications "Excepted" and "Class 9," refer to Ultralife's web site at:

http://www.ulbi.com/whitepapers/Ultralife_Batteries_Lithium_Battery_Transportation_Regulations.pdf