

DYNAMIS

LITHIUM-MANGAN-LINE

LM 9V 1300 mAh

9.0V Lithium Manganese Dioxide (Li-MnO₂) Battery



Electrical characteristics

(typical values relative to cells stored for one year or less at 23°C max.)

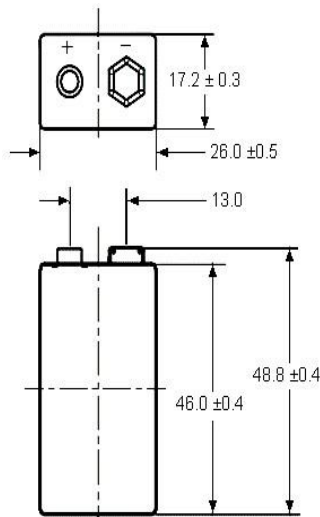
Order no. 60.08012

Nominal voltage	9.0 V
Nominal capacity at 9.0 mA +23°C 5.4V cut off. (The capacity restored by the cell varies according to current drain, temperature and cut-off voltage).	1 300 mAh
Max. recommended continuous current	120 mA
Max. pulse current capability Pulse capability varies according to pulse characteristics (frequency and duration), temperature, cell history (storage conditions prior to usage) and the application's acceptable minimum voltage.	400 mA
Operating temperature range (Operation at temperature different from ambient may lead to reduced capacity and lower voltage plateau readings.)	-30°C ~ +85°C
Storage temperature (recommended for max. 60% rel. humidity, according other demands contact DYNAMIS)	+30°C max.

Physical characteristics

Length	26.0 ±0.5 mm
Width	17.2 ±0.3 mm
Height	48.8 ±0.4 mm
Weight	43 g

Drawing:



Unit: mm

Key features

- n High energy density
- n Wide operating temperature range
- n High pulse current capability
- n Low self discharge rate (less than 0,16% per month at +23°C)
- n Over 10 years service life
- n Glass-to-metal sealed

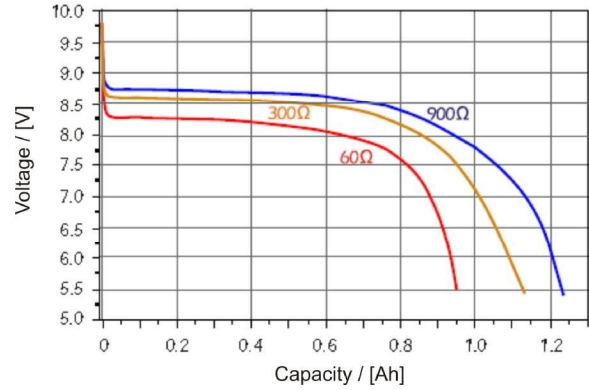
Warning

- n Risk of fire and burns.
- n Do not recharge, disassemble, heat over 100°C or incinerate.
- n Do not mix fresh batteries with used Lithium batteries or other battery types.
- n Do not try to recharge.

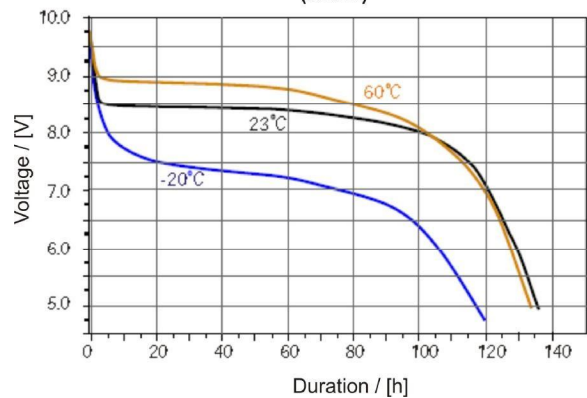
Main applications

Medical Devices
 Music/Audio Devices
 Smoking alarm
 Instrumentation
 Safety Devices Communication Devices Parking Meter etc.

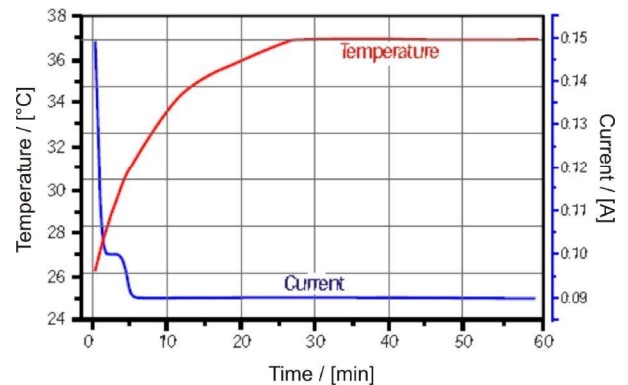
Continuous Discharges at 23 °C (73 °F)



Continuous Discharges at various Temperatures (900 Ω)



Short Circuit Behaviour Temperature and Current



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