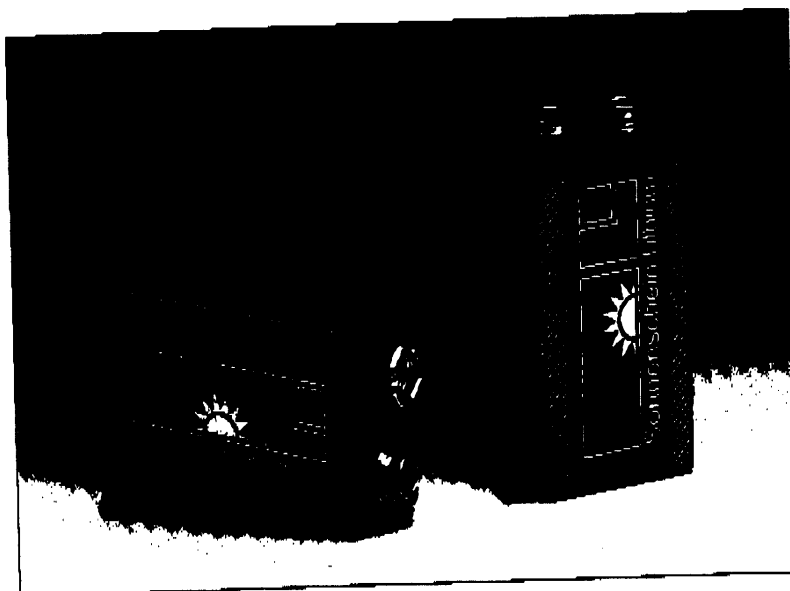


9 Volt Lithium Battery

The 9 Volt Lithium Battery of Sonnenschein is the alternative to conventional 9 Volt batteries.

Your benefits at one glance:

- high capacity
- low weight
- wide temperature range
- long storage life
- long operation life
- stable voltage under load
- no heavy metals



Product Data Sheet SLM9V

suitable for:

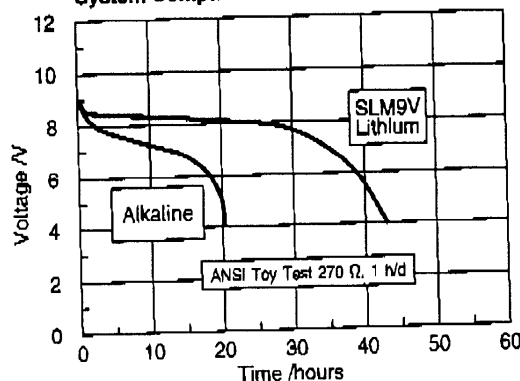
- wireless alarm systems
- smoke detectors
- portable measurement instruments
- medical instruments
- lock systems
- wireless microphones
- remote control systems
- and many more

Comparison:	SLM9V	Alkaline
Nominal capacity	1200 mAh	550 mAh
Discharge curve	flat	declining
Self discharge rate	~1% p.a.	~4% p.a.
Storage capability	up to 10 years	~4 years
Magnetic	no	yes
Weight	36 g	45 g
Temperature range	-40...+60 °C	-10...+50 °C
Leak proof	yes	no
Sealing	welded (ultrasound)	crimped
Corrosion free case	yes	no
Environmentally neutral	yes	limited

Call your local distributor:

PD500-1E

System Comparison



Sonnenschein Lithium
Industriestr. 22
D-63654 Büdingen, Germany
Tel.: +49(0)6042/81-517 Fax: +49(0)6042/81-523
E-Mail: info@sonnenschein-lithium.de
Internet: <http://www.sonnenschein-lithium.de>



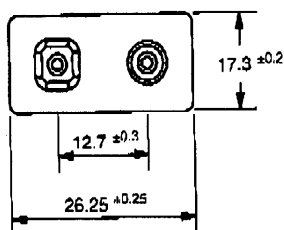
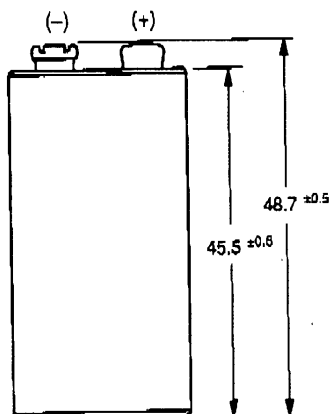
9 Volt Lithium Battery

ANSI 1604LC
Not rechargeable

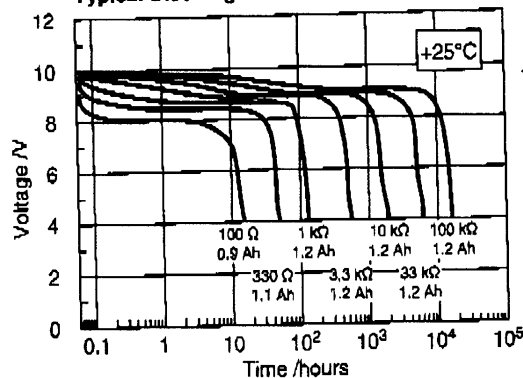
Type:	SLM9V
Performance Data (Typical values for batteries stored at 25 °C for one year)	
System	Li/MnO ₂
Nominal capacity	1.2 Ah
Nominal voltage	9 V
Max. continuous discharge current	120 mA
Weight	36 g
Volume	22.6 cm ³
Temperature range	-40...+60 °C
Terminals	Miniature Snap
Case material	Aluminium, Mylar
Lithium amount	< 2 g
transport restrictions	no

Warning notice

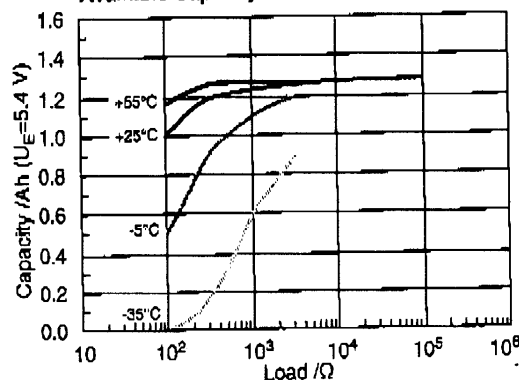
Caution: May leak and/or flame if opened, recharged, connected improperly, or disposed of in fire.



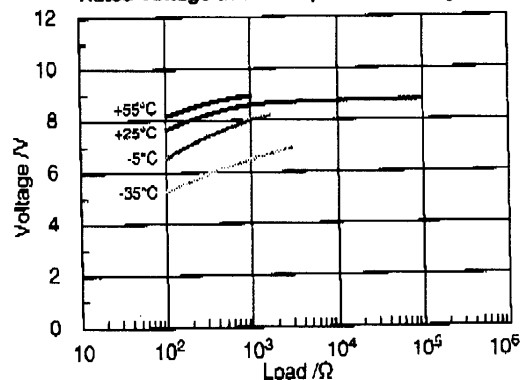
Typical Discharge Curves at +25°C



Available Capacity



Rated voltage at 50% depth of discharge



Results of standard tests

ANSI

Electronic Toy Test
270 Ω, 1 h/d (5.4 V): 40 h

IEC

Transistor radios
620 Ω, 2 h/d (5.4 V): 96 h
Pocket calculators
80 Ω, 0.5 h/d (4.8 V): 28 h
Tape recorders
180 Ω, 1 h/d (5.4 V): 27 h
Alarms
330 Ω, 24 h/d (5.4 V): 48 h

Any values given here are for informational purpose only. They also depend on actual conditions of use and are not warranties of future performance. Subject to change.

Standard test IEC tape recorders

