

battery type:
battery size:
chemical system:

Alkaline Manganese (Mercury free)
 IEC: 6LR61; JIS: 6AM6; ANSI: E; MN1604; 9V-Block
 Zn / KOH-H₂O / MnO₂



<https://www.mega-piles.com/>

nominal voltage: 9 V
open circuit voltage: 9.2...9.8 V
 9.0...9.8 V

Conditions

new battery
 after 1 year storage at 20°C

capacity
 rated: 550 mAh

all measurements at 20°C ambient
 discharge at 10mA load; 24hours/day
 End Voltage (EV): 5.4V

minimum: 525 mAh

discharge at 10mA constant current
 End Voltage (EV): 5.4V

475 mAh

discharge at 50mA constant current
 End Voltage (EV): 5.4V

typical service output (new batteries)

≥ 14 h

discharge at 35mA constant current; EV: 5.4V
 discharge 24h/d

≥ 18 h

discharge at 270Ω resistive load; EV: 5.4V
 discharge 1h/d

≥ 40 h

discharge at 620Ω resistive load; EV: 5.4V
 discharge 2h/d

≥ 17 d

discharge at 10KΩ resistive load (continuous); additional pulse load
 at 620Ω for 1s/h; EV: 7.5V

internal resistance: ≤ 4 Ω

at 1kHz, sine wave measurement
 full battery

shelf life:

7 years under proper storage conditions

leakage resistance

over discharge: no leakage
 high temperature: no leakage

20ohms continuous discharge for 48h; ta: 20°C; RH: 60±15%
 store 20days at ta: 60°C; RH:90±5%

ambient temperature
range:

- 10...50 °C

recommended storage
 conditions:

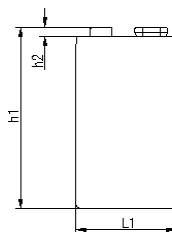
5...25 °C
 45...75 %

ambient temperature
 rel. humidity

mechanical specifications

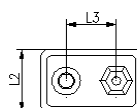
cell dimensions

length L1: 26.5 -2 mm
 length L2: 17.5 -2 mm
 length L3: 12.7 ± 0.25 mm
 height h1: 48.5 -2 mm
 weight: 45 ± 3 g



package

dimensions: 87 x 53 x 49 mm
 weight (incl. batteries): 465 ± 25 g



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ANSMANN Specifications for model:

data sheet no. / part no.

supplier no.

author / date

Ansmann Industrial Alkaline Battery 9V E-block 10pcs colour box

1505-0001

701381

TG / 15.05.2018