

Primary Lithium Batter

FR14505/W 1.5V

Primary lithium-Ferrous Disulfide
(Li-FeS₂)



For high drain/long term operating
Applications requesting superior voltage
Response in -20°C~+60°C environments.

Cell size references

AA

Electrical characteristics

(Typical values relative to cells stored for one year or less at +30°C max)

Nominal capacity 2.9 Ah

(At 10mA +20°C, 0.5V cut off. The capacity restored varies according to current, temperature, cut-off-voltage)

Nominal voltage(20°C) 1.5V

Max. continuous current(20°C) 2000mA

Typical Max. pulse current(20°C) 3000mA

Storage(recommended) +30°C Max

Operating temperature range -20~+60°C

(High and low temperature will lower the capacity and load voltage)

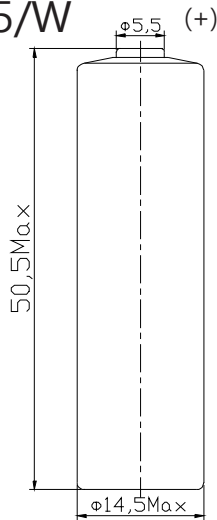
Physical characteristics

Dimension(Max) $\phi 14.5 \times 50.5\text{mm}$

Typical weight 15.5 g

Primary Lithium Battery

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Key features

- >Superior drain capacity
- >Low self-discharge rate
(Less than 3% after 1 year of storage at 20°C)
- >Substitute dry battery or alkaline battery directly

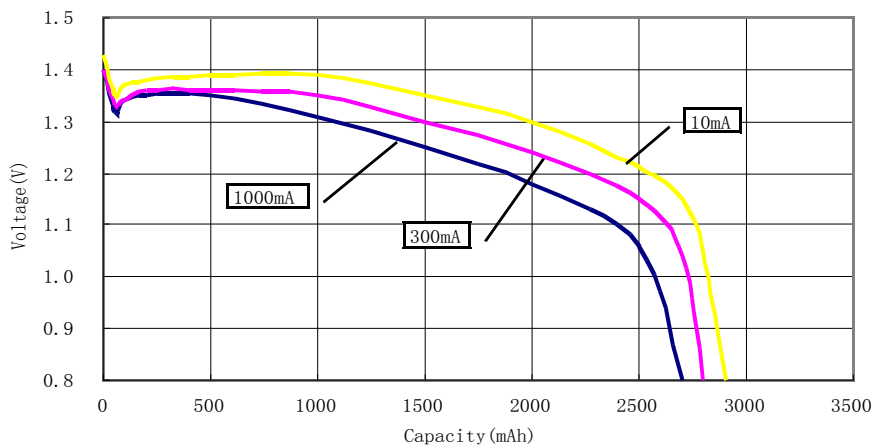
Storage

- >Cells should be stored in a clean & dry (less than 70%RH) area
- >Temp. should not exceed $+30^{\circ}\text{C}$

Warning

- >Do not use if cell casing is mangled
- >Do not use different model of cell in series
- >Do not try to recharge
- >Do not throw into fire

Load performance (23°C)



AA Battery discharge comparison curve

Load: $1\text{K}\Omega$

