

ZINC AIR - ALKALINE

MC-ZA400-9

9V 400Ah

Alkaline batteries are based on a zinc-oxygen electrochemical couple. They use atmospheric oxygen (cathode) to produce depolarization. The anode is the large surface area zinc powder dispersed in a potassium hydroxide solution.

DIMENSIONS(mm)

Height	120
Width	221.6
Length	240
Cable(180.319.035.000)	1 m



SPECIFICATIONS

System	ZINC / KOH / AIR with 0 % Hg, 0 % Cd
Nominal voltage	9 V
Average weight	8.6 Kg
Case material	Polystyrene
Date code	Each battery carries an expire date code for 12 months
Shelf life	12 months
Operating temperatures	-20 °C to + 45 °C
Applications	All electronic devices.

PERFORMANCE SPECIFICATIONS

Minimum specifications at 20 °C:

Discharge conditions:		End-point voltage 5.4 V			Capacity and Energy after 12 months on shelves
Daily period	El. current	Service life	Capacity	Energy	At least 80% of here declared values
24 h	50 mA	7800 h	390 Ah	3290 Wh	
24 h	100 mA	3750 h	375 Ah	3150 Wh	

Average specifications at 20 °C:

Discharge conditions:		End-point voltage 4.5 V			Capacity and Energy after 12 months on shelves
Daily period	El. current	Service life	Capacity	Energy	At least 90% of here declared values
24 h	50 mA	8000 h	400 Ah	3400 Wh	
24 h	100 mA	3850 h	385 Ah	3175 Wh	

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AVERAGE DISCHARGE GRAPH:

Battery 9V 400Ah

