

ALKALINE BATTERIES

Zinc Air

MasterCell



ALKALINE SERIES

MC-ZA400

 **7.5 V**  **400 Ah**

**MASTER
BATTERY**



Paseo de Extremadura, 39 - 28935 Móstoles - Madrid (Spain)
Tel. +34 918 021 649 - Fax. +34 917 750 542
info@masterbattery.es - www.masterbattery.es/en


zeroCO₂

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PRODUCT SPECIFICATION

System	ZZINC / KOH / AIR with 0% Hg, 0% Cd
Nominal Voltage	7.5 V
Dimensions, L x H x W	125 x 120 x 221.6 mm
Average Weight	5.65 kg
Case Material	Polystyrene
Date Code	Each battery carries an expire date code for 12 months (battery manufactured in March 2014 carries an expire date 03-16 for March 2016)
Shelf Life	24 months
Operating Temperatures	-20°C to + 45°C
Applications	All electronic devices

PERFORMANCE SPECIFICATIONS

Minimum 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	
24 h	50 mA	7800 h	390 Ah	2511 Wh	At least 80% of here declared values
24 h	100 mA	3700 h	370 Ah	2380 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	
24 h	50 mA	8000 h	400 Ah	2600 Wh	At least 80% of here declared values
24 h	100 mA	3850 h	385 Ah	2479 Wh	

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AVERAGE DISCHARGE GRAPH

