CEGASA

Technical Specifications
ver. 21/10/2024

E/Z8 1,5/100

Product Code
020162



Energy you can trust

Technical Specifications

Product data

Model

E/Z8 1,5/100

Description

Zinc Air Alkaline Battery

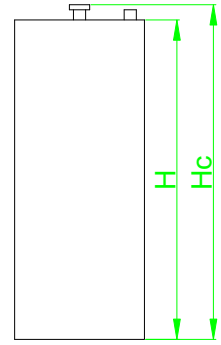
Alkaline Zn air non-rechargeable portable battery

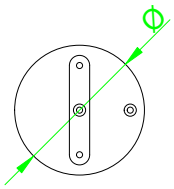
Units per box

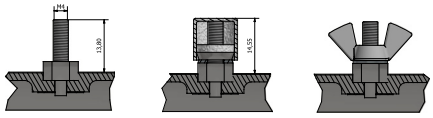
4 units

Units per pallet

960 units







Physical characteristics

MODEL	
Diameter	64 mm
Cover Height	154 mm
Total Height	165 mm
Average Weight	0,7 Kg
Connection	Bolted M4
Casing and seal	Case and cover made of HIPS with ultrasonic welding

Electrical specifications

VOLTAGE	
Nominal Voltage	1,5 V

ENERGY	
Nominal Capacity	100 Ah
Nominal Energy	130 Wh

CURRENT	
Maximum safe current*	No limit
Maximum continous current discharge**	50 mA
Maximum peak current	0,5 A

* Free from thermal runway / ** Without capacity reduction

CONSERVATION	
Time of conservation	2 years under normal storage conditions

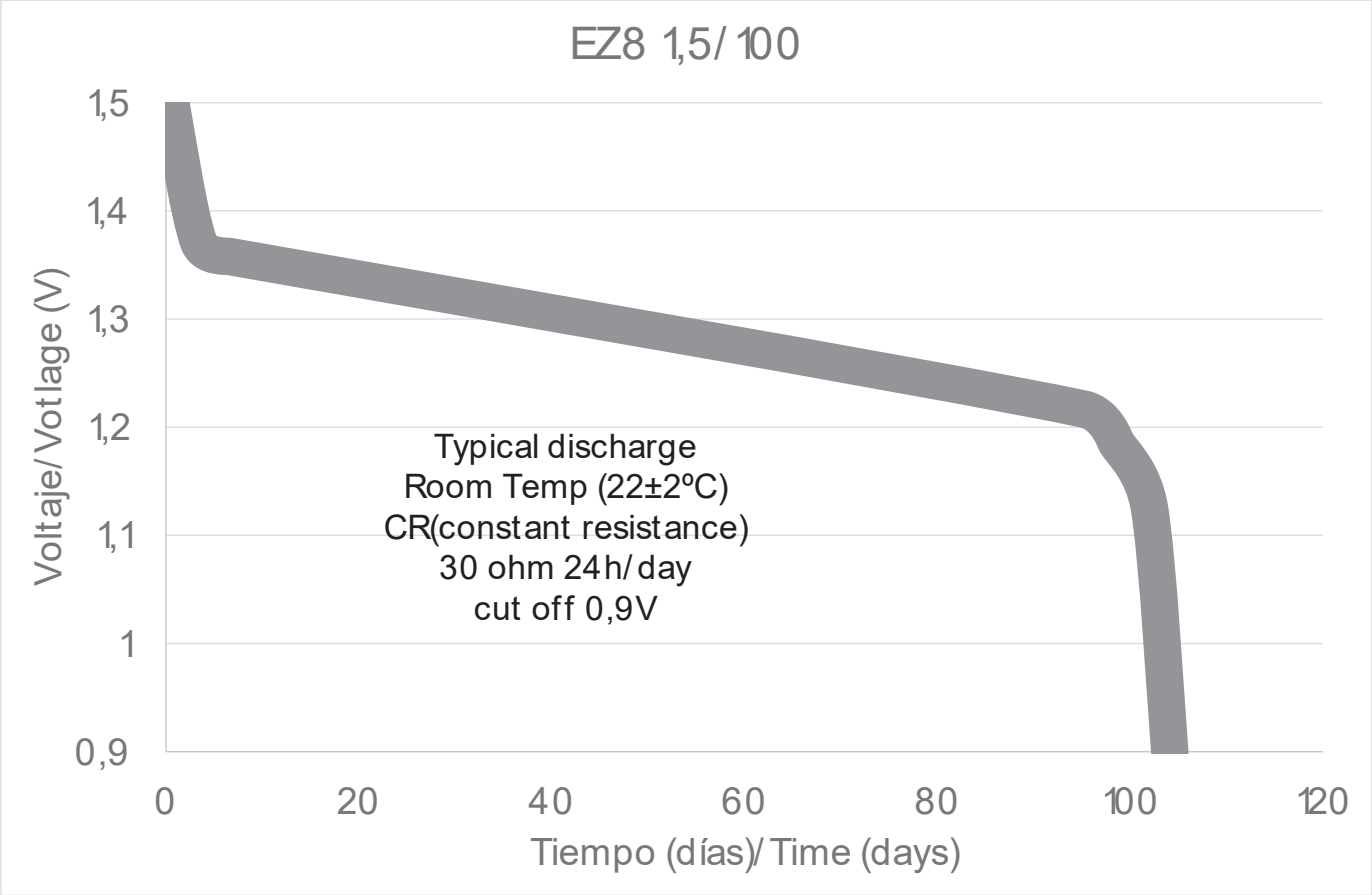
VOLTAGE	MAXIMUM	MINIMUM		
DC VOLTS		INITIAL	AT 12 MONTHS	AT WARRANTY LIMIT
OCV	1,63	1,49	1,47	1,45
CCV 5 Ω	-	1,38	1,35	1,30

CAPACITY (Ah)

	CAPACITY AT ROOM TEMP.			MINIMUM VALUES		
	RESISTANCE Ω	DAILY USE	CUT-OFF VOLTAGE (V)	INITIAL	AT 12 MONTHS	AT WARRANTY LIMIT
Typical discharge	30	24 h	0,9	97*	93	88

*Minimum average duration 89 days under above table conditions

Typical Discharge Curve



BATTERY LIFETIME E/Z8 1,5/100 BASED ON AVERAGE CONTINUOUS DISCHARGE AND 24 H/DAY

10 mA	12 mA	14 mA	16 mA	26 mA	35 mA	45 mA
14 months	12 months	10 months	8 months	5 months	4 months	3 months
10.000 h	8.300 h	7.100 h	6.100 h	3.800 h	2.800 h	2.200 h

Have a question?

We will be happy to help you.

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