

# Product Safety Data Sheet

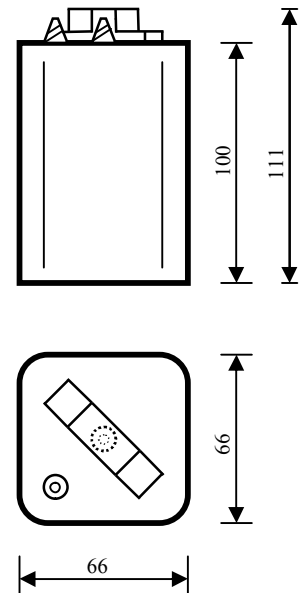
SYSTEMIX®

Manufacturer:  
Systemix Sp. z o.o.  
ul. Lubichowska 176A  
83-200 Starogard Gdański

## Technical Data:

Code No.: 6SX50

Chemical System : Zink - Air Alkaline  
Nominal Voltage: 6V  
Nominal Capacity: 50 Ah  
Nominal Dimension: 66 mm x 66 mm x 111 mm  
Terminals: spiral spring  
Battery box: plastic  
Average Weight: 700 g  
Volume: 0,46 dm<sup>3</sup>



## Main Components:

### Chemical components of battery:

	(%)	(g)
- manganese dioxide	11,4	80
- carbon	1,4	10
- zinc	37,9	265
- potassium hydroxide solution	26,4	185
- immobilizer	2,9	20

### Others:

- plastic elements (cell container, plastic box)	10,6	75
- metal elements (cathode plate, collectors, terminals)	9,4	65

## 0% MERCURY and CADMIUM

## Precautions and first AID

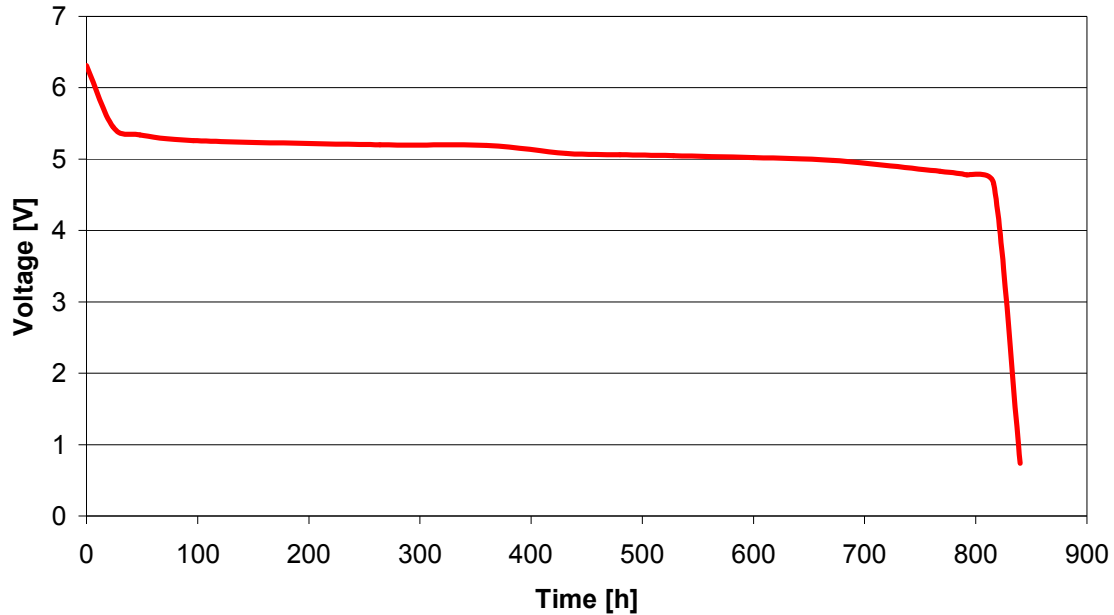
In some accidental discharge process, electrolyte can come out of cells (white paste). It could prove irritant for skin if touched. In any components of the cells contact with skin or eyes, wash in water.

**If any part of battery is swallowed, immediately look for medical advice.**

Do not throw in fire.  
Do not dismantle battery.  
Do not charge battery.

## ***Electrical parameters:***

**Discharge curve 82 ohm continous**



Discharge time , endpoint 3,6 V 830 hours

Typical capacity 51 Ah

Nominal capacity 50 Ah

Storage 15 month

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## ***Packaging :***

Carton 12 pcs

96 cartons on pallet

1152 pcs on pallet

Gross weight of pallet 842 kg

Carton 20 pcs

48 cartons on pallet

960 pcs on pallet

Gross weight of pallet 706 kg

Carton 12 pcs

88 cartons on pallet

1056 pcs on pallet

Gross weight of pallet 774 kg