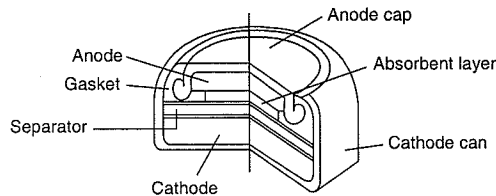


Silver oxide is used as cathode, zinc is used as anode, and sodium hydroxide solution or potassium hydroxide solution is used as electrolyte. These batteries with large capacity and stable voltage characteristics are widely applied to products demanding high accuracy, like quartz watches.

## CROSS SECTION



## FEATURES

- **Large capacity**

Energy density per volume is about 2 times higher than that of alkaline-manganese batteries.

- **Stable operating voltage**

Operating voltage is very stable until the end of discharge.

- **Excellent leakage resistance**

Excellent leakage resistance is achieved by our special sealing materials and superior processing technologies.

- **Excellent pulse load characteristics**

Batteries using potassium hydroxide solution are most suitable for functions which consume relatively high current, such as an alarm or backlight function incorporated into digital quartz watches.

- **A comprehensive variety of products**

The diameter is from 4.8 mm to 11.6mm, the height is from 1.2mm to 3.6mm.

Users can select the most suitable battery for their applications.

## APPLICATIONS

Watches, Clocks, Calculators, Hearing aids, Digital clinical thermometers, Cameras, Electronic games, Card radios, Remote controllers.

## SPECIFICATIONS

|               | Model No. | Electrical Characteristics<br>(at Room Temperature) |                                |                          | Dimensions       |                | Weight<br>(g) | UCAR<br>No. | C.C.V. (TYP.)*2 |              | Storage<br>loss<br>(MAX)<br>(%/Y) |
|---------------|-----------|---|--------------------------------|--------------------------|------------------|----------------|---------------|-------------|-----------------|--------------|-----------------------------------|
|               |           | Nominal<br>Voltage<br>(V)                           | Nominal<br>Capacity*1<br>(mAh) | Maximum<br>Drain<br>(mA) | Diameter<br>(mm) | Height<br>(mm) |               |             | +24°C<br>(V)    | -10°C<br>(V) |                                   |
| Low<br>Drain  | SR416SW   | 1.55  | 7.5                            | 0.8                      | 4.80             | 1.65           | 0.12          | ---         | 1.35            | 1.10         | 7                                 |
|               | SR421SW   |   | 12                             |                          |                  | 2.15           | 0.16          |             |                 |              |                                   |
|               | SR512SW   |   | 5.5                            |                          |                  | 1.25           | 0.14          |             |                 |              |                                   |
|               | SR516SW   |   | 12.5                           |                          | 1.65             | 0.20           | 317           |             |                 |              |                                   |
|               | SR521SW   |   | 16                             |                          | 2.15             | 0.25           | 379           |             |                 |              |                                   |
|               | SR527SW   |   | 22                             |                          | 2.70             | 0.31           |               |             | 319             |              |                                   |
|               | SR616SW   |   | 15                             |                          | 1.65             | 0.24           | 321           |             |                 |              |                                   |
|               | SR621SW   |   | 23                             |                          | 2.15             | 0.33           |               |             | 364             |              |                                   |
|               | SR626SW   |   | 30                             |                          | 2.60             | 0.38           | 377           |             |                 |              |                                   |
|               | SR712SW   |   | 11                             |                          | 1.25             | 0.25           |               |             | 346             |              |                                   |
|               | SR716SW   |   | 21                             |                          | 1.65             | 0.34           | 315           |             |                 |              |                                   |
|               | SR721SW   |   | 28                             |                          | 2.10             | 0.44           |               |             | 362             |              |                                   |
|               | SR726SW   |   | 34                             |                          | 2.60             | 0.53           | 397           |             |                 |              |                                   |
|               | SR41SW    |   | 45                             |                          | 3.60             | 0.69           |               |             | 384             |              |                                   |
|               | SR916SW   |   | 27                             |                          | 1.65             | 0.53           | 373           |             |                 |              |                                   |
|               | SR920SW   |   | 46                             |                          | 2.05             | 0.60           |               |             | 371             |              |                                   |
|               | SR927SW   |   | 55                             |                          | 2.70             | 0.80           | 395           |             |                 |              |                                   |
|               | SR1120SW  |   | 53                             |                          | 11.60            | 2.05           |               |             | 0.94            | 381          |                                   |
| High<br>Drain | SR626W    | 1.55  | 28                             | 8                        | 6.80             | 2.60           | 0.36          | ---         | 1.35            | 1.05         | 7                                 |
|               | SR721W    |   | 26                             |                          |                  | 2.10           | 0.41          |             |                 |              |                                   |
|               | SR726W    |   | 34                             |                          | 2.60             | 0.53           | 396           |             |                 |              |                                   |
|               | SR41W     |   | 45                             |                          | 3.60             | 0.69           |               |             | 392             |              |                                   |
|               | SR920W    |   | 42                             |                          | 2.05             | 0.56           | 370           |             |                 |              |                                   |
|               | SR927W    |   | 53                             |                          | 2.70             | 0.77           |               |             | 399             |              |                                   |
|               | SR1120W   |   | 15                             |                          | 11.60            | 2.05           | 0.94          |             | 391             |              |                                   |

\*1. Discharged to 1.2V

\*2. C.C.V. : Closed Circuit Voltage Low Drain 2kΩ 7.8msec Pulse High Drain 200Ω 5sec.