Primary Lithium Button Cells



Key features and benefits

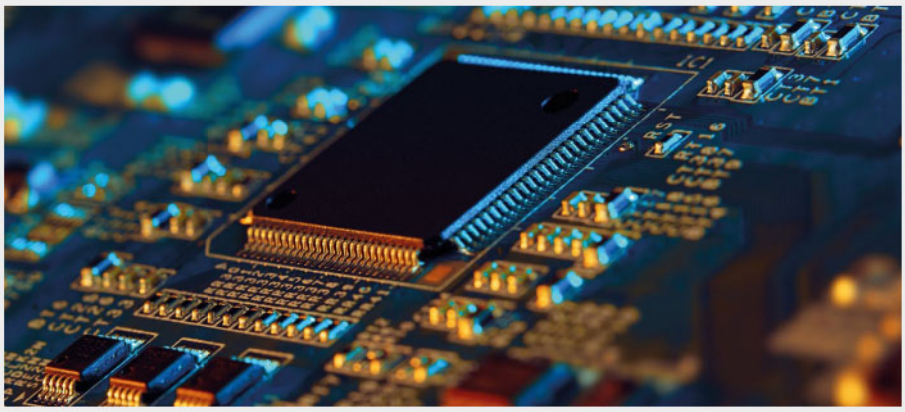
- Various PCB, SMT and wire & connector versions
- Low internal resistance for high pulse load
- High Capacity for longer running time
- Low self-discharge for long storage and operating time
- Wide temperature range (-20 °C up to 70 °C)
- UL Recognition
- Safe & reliable

Application Examples:



- **Smart Health**
  For accurate health monitoring.

- **Alarm system**
  Uninterrupted signal to guarantee maximum security.
- **Beacon**
  Prolonged signal effect for more safety all-around.
- **Heart rate monitor**
  For such portable devices a reliable running time is important.
- **Smart key**
  Electronic access and authorization system.
- **Remote control**
  Highest convenience by requiring almost no maintenance.
- **Bicycle computer**
  No need for numerous changes as an additional burden.
- **Blood sugar indicator**
  Very long lifecycles for many uses everywhere.
- **Data collection**
  Best performance for gathering information.
- **Health monitoring**
  For accurate results and a long running time.



- **Industry 4.0 sensor**
  Best performance for analyzing data.

- **Key light**
  Long-lasting energy support for a strong light source.
- **Memory back-up (MBU)**
  For independent and continuously available data memory.
- **Real time clock (RTC)**
  Reliable back-up battery for mobile systems.
- **Timer system**
  Strong signal without any interruptions.
- **Toll collection system**
  High flexibility and adaptability without ongoing disturbances.
- **Tracking system**
  Continuous signal for observations with timely order.
- **Watch (digital & analog)**
  Long lifespans for the least amount of inconvenience.
- **Fitness tracker**
  Best quality combined with best longevity.

Product Overview

Lithium Button Cells ($Li\text{-}MnO_2$)

TYPE DESIGNATION	TYPE NO.	VOLTAGE (V)	CAPACITY (mAh)	DIAMETER (mm)	HEIGHT (mm)	WEIGHT (g)
CR coin series						
CR 1216	6216	3.0	27	12.5	1.6	0.7
CR 1220	6220	3.0	35	12.5	2.0	0.8
CR 1616	6616	3.0	55	16.0	1.6	1.2
CR 1620	6620	3.0	70	16.0	2.0	1.2
CR 2016	6016	3.0	90	20.0	1.6	1.8
CR 2016-P	6016	3.0	86	20.0	1.6	1.8
CR 2025	6025	3.0	165	20.0	2.5	2.5
CR 2025-P	6025	3.0	157	20.0	2.5	2.5
CR 2032	6032	3.0	230	20.0	3.2	3.0
CR 2032-P	6032	3.0	220	20.0	3.2	3.0
CR 2430	6430	3.0	300	24.5	3.0	4.0
CR 2430-P	6430	3.0	280	24.5	3.0	4.0
CR 2450	6450	3.0	620	24.5	5.0	6.2
CR 2450-P	6450	3.0	590	24.5	5.0	6.2
CR 1/3 N	6131	3.0	170	11.6	10.8	3.0

