



LITHIUM CYLINDRICAL TYPE BATTERIES CR SERIES

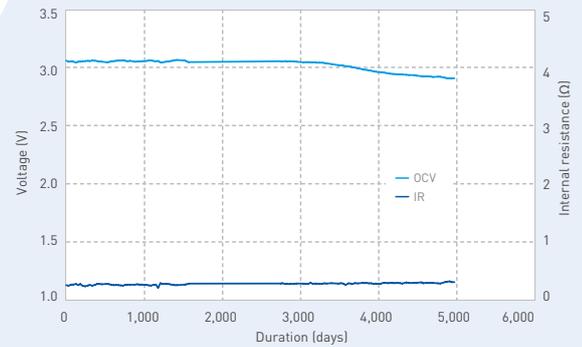
Panasonic CR SERIES

- Stable internal resistance
- Excellent pulse discharging characteristics
- Wide temperature range (-40 to 70°C)
- Low self-discharge (<1% per year at 20°C)

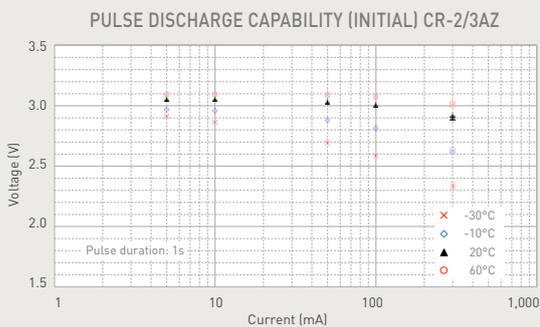


IR (INTERNAL RESISTANCE) BEHAVIOUR OF CR-2/3AZ

DISCHARGING CHARACTERISTICS CR-2/3AZ



Test condition
Discharge: 620kΩ at 20°C



EXCELLENT PULSE DISCHARGING CHARACTERISTICS OF CR-2/3AZ

FEATURES OF CR-2/3AZ



Charge	Wide temperature range (-40°C to 70°C)
Self-discharge	Under 1% per year (at 20°C)
Life	10 years durable cell*1
Safety	IEC60086 and UL1642 compliant

SUITABLE BATTERIES



Specifications	CR-2Z	CR-2/3AZ	CR-AG	CR-AAU
Diameter (mm)	15.6	17.0	17.0	14.5
Height (mm)	27.0	33.5	45.5	50.5
Approximate weight (g)	11.0	17.0	24.0	18.0
Nominal voltage (V)	3.0	3.0	3.0	3.0
Nominal capacity (mAh)	1,000	1,600	2,400	1,800
Ambient temperature	-40 to 75	-40 to 70	-40 to 70	-40 to 85
Applications	Smoke detectors	○	○	○
	Fire door systems		○	○
	Emergency alarm systems	○	○	○
	Gas motion sensors		○	○

*1 Values for expected battery life are reference values only. The expected life varies depending on the conditions in which the battery is used.

The battery performance is strongly affected by how the batteries are used. The data in this document are for descriptive purposes only and are not intended to make or imply any guarantee or warranty.