

**LITHIUM - Coin Type: High Operating Temperature**

Panasonic's coin type high operating temperature lithium batteries are high energy, high reliability batteries for applications that require a wider operating temperature range. The full 3 volts in these high energy density batteries is about twice that of conventional dry batteries.



These batteries are for applications exposed to extended temperature ranges and harsh operating conditions.

**Features:**

- A wide operational temperature range: -40°C (-40°F) ~ 125°C (257°F)
- Good storage stability (max. 0.5% loss at ambient T°)
- Constant operating voltage
- Excellent leakage resistance
- Available with tab terminals for PCB mounting

**Applications:**

- Automotive electric systems
- Tollway transponders
- RFID

**Technical Data - High Temperature Coin Cell**

Model Number	Nominal Voltage (V)	Nominal Capacity (mAh)	Dimensions (mm)		Basic Battery Weight (g)	Tab Configurations
			External Diameter	Height		
<a href="#">BR1225A</a>	3	48	12.5	2.5	0.8	
<a href="#">BR1632A</a>	3	120	16.0	3.2	1.5	
<a href="#">BR2330A</a>	3	255	23.0	3.0	3.2	
<a href="#">BR2450A</a> <sup>1</sup>	3	550	24.5	5.0	5.0	

<a href="#">BR2477A</a>	3	1000	24.5	7.7	8.0
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1. Please contact Panasonic for the latest information on this model.

**Technical Data - Table 2 - Tab Configurations and Distributor Inventory**

Model No.	Tab Description Drawing	
<a href="#">BR1225A/FA</a>	2 Pin, flat mount (with insulation wrap)	
<a href="#">BR1225A/HB</a>	2 Pin, horizontal mount, through holes, (with insulation wrap)	
<a href="#">BR1632A/FA</a>	2 Pin, flat mount (with insulation wrap)	
<a href="#">BR1632A/GA</a>	3 Pin, horizontal mount, through hole, (w/o insulation wrap)	
<a href="#">BR1632A/HA</a>	2 Pin, horizontal mount , through hole, (with insulation wrap)	
<a href="#">BR1632A/VA</a>	2 Pin, vertical mount , through hole, (with insulation wrap)	
<a href="#">BR2330A/FA</a>	2 Pin, flat mount (with insulation wrap)	
<a href="#">BR2330A/GA</a>	3 Pin, horizontal mount, through hole, (w/o insulation wrap)	
<a href="#">BR2330A/HD</a>	2 Pin, horizontal mount , through hole, (with insulation wrap)	
<a href="#">BR2330A/VA</a>	2 Pin, vertical mount, through hole, (with insulation wrap)	
<a href="#">BR2477A/FB</a>	2 Pin, flat mount, (with insulation wrap)	
<a href="#">BR2477A/GA</a>	3 Pin, horizontal mount, through hole, (with insulation wrap)	
<a href="#">BR2477A/HB</a>	2 Pin, horizontal mount, through hole, (with insulation wrap)	
<a href="#">BR2477A/VA</a>	2 Pin, vertical mount, through hole, (with insulation wrap)	

