



Grepow Website



Shaped Battery

**GREPOW**  
RECHARGEABLE BATTERY



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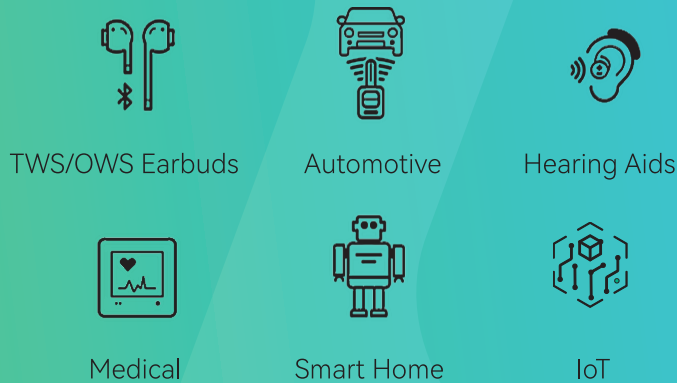
Button-Cell Battery

# LI-ION BUTTON CELL BATTERY

## PRODUCT DESCRIPTION:

Grepow's newly designed Lithium-based button cell is the replacement for Traditional coin cell battery technology. It adopts the "Non-destructive Welding" and "Fully Sealed" technologies with better space utilization and higher capacity. Our innovated steel shell packing is design and production patented.

## APPLICATIONS:



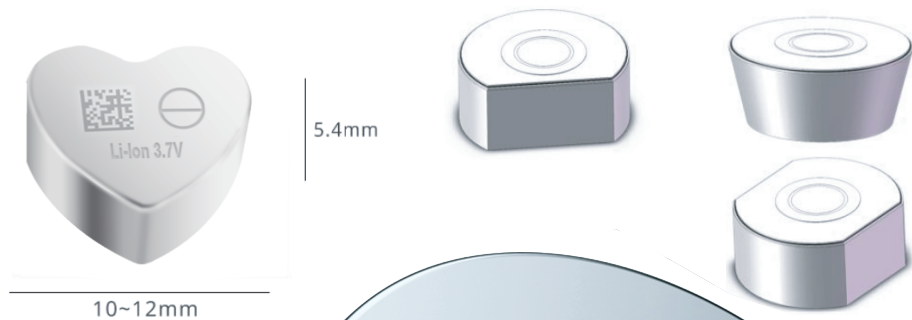
## FEATURES:

42 Patents    20C Discharge    1000+ Cycles

5C Fast Charging    Various shapes to meet your needs    556Wh/L

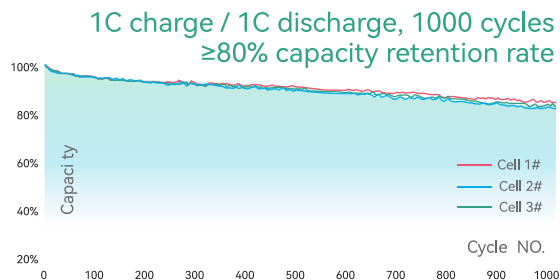
## SPECIAL SHAPED BUTTON CELL BATTERY:

Made into various shapes to meet customized needs

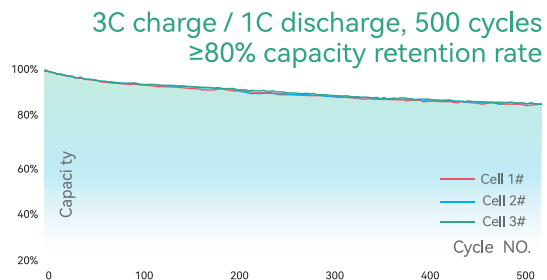


## DETAILED FEATURES:

- Max. 5C Fast Charging: 80% charge in 12.5 minutes.
- Adopted patented technologies for greater sealing and space utilization, the energy density can achieve 556Wh/L.
- High discharge rate performance: max. 2C (continuous), 20C (pulse discharge)
- Grepow has 42 self-developed innovation patents covering appearance, and structural techniques, which will reduce the cost of manufacturing thus no patent fees are charged. Our technical strength is endorsed by the world's TOP500 companies.
- Long-life cycles  $\geq 1000$ , maintains more than 80% capacity retention rate



1254-70mAh Cycle Test



## Fully automated production and detecting equipment

Strict control of temperature and humidity to maintain high battery consistency.

Series	Models	Nominal Volt	Capacity	Diam.	Thk.
LiHv High Capacity Series	GRP1054G1	3.85V	50mAh	5.4mm	10mm
	GRP1254G3	3.9V	87mAh	5.4mm	12mm
4.2V Series	GRP7854R1	3.7V	24mAh	5.4mm	7.8mm
	GRP1025R1	3.7V	13mAh	2.5mm	10mm
	GRP1254R1	3.7V	70mAh	5.4mm	12mm
	GRP9525R1	3.7V	12.3mAh	2.5mm	9.5mm
	GRP2432R1	3.7V	155mAh	3.2mm	24mm
LiFePO4 Series -50°C Low-Temp	GRP1254D1	3.7V	47mAh	5.4mm	12mm
	GRP1254L1	3.7V	68mAh	5.4mm	12mm