



Grepow Website



Shaped Battery

GREPOW
RECHARGEABLE BATTERY



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Button-Cell Battery

LI-ION BUTTON CELL BATTERY

PRODUCT DESCRIPTION:

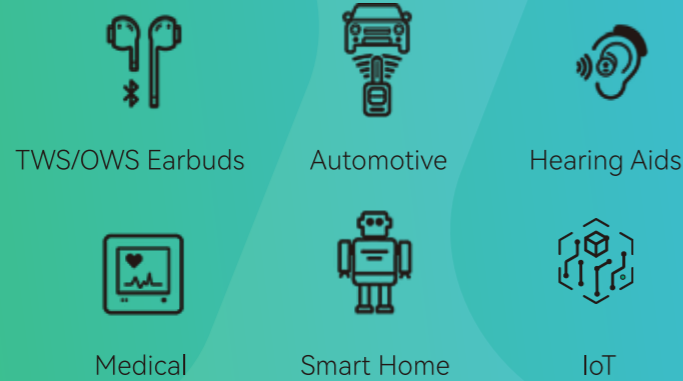
Grepow's newly designed Lithium-based button cell is the replacement for Traditional coin cell battery technology. It adopts the "Non-destructive Welding" and "Fully Sealed" technologies with better space utilization and higher capacity. Our innovated steel shell packing is design and production patented.

SPECIAL SHAPED BUTTON CELL BATTERY:

Made into various shapes to meet customized needs



APPLICATIONS:



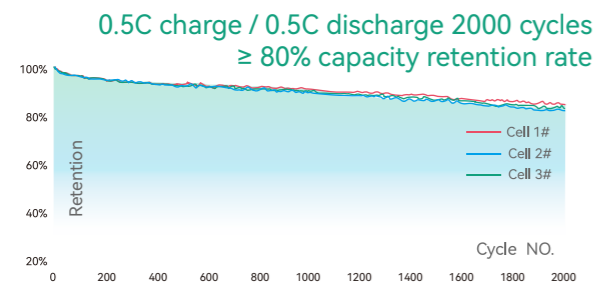
FEATURES:

42 Patents
20C Discharge
2000+ Cycles
5C Fast Charging
Various shapes to meet your needs
556Wh/L

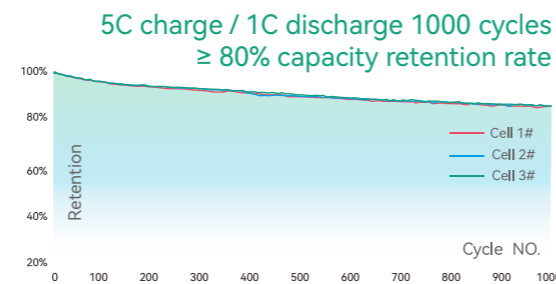


DETAILED FEATURES:

- ▶ 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 ≥ 2000 , maintains more than 80% capacity retention rate
- ▶ Fully automated production and detecting equipment, strict temperature and humidity control to maintain high battery consistency.



GRP7854R1-1C-3.7V-24mAh Cycle test



GRP1054RN-5C-3.7V-41mAh Cycle test

Partial model list (Contact us for the full list)

Series	Models	Nominal Volt	Capacity	Diam.	Thk.
Standard 4.2V Series	GRP7820R1	3.7 V	6.5 mAh	7.8 mm	2.1 mm
	GRP7854R2	3.7 V	28 mAh	7.8 mm	5.6 mm
	GRP8525R1	3.7 V	9.5 mAh	8.5 mm	2.6 mm
	GRP9525R1	3.7 V	12.3 mAh	9.5 mm	2.6 mm
	GRP1025R1	3.7 V	13 mAh	10 mm	2.6 mm
	GRP1054R2	3.7 V	49 mAh	10 mm	5.6 mm
	GRP1224R1	3.7 V	18 mAh	12 mm	2.6 mm
	GRP1240R1	3.7 V	50 mAh	12 mm	4.1 mm
	GRP1254M1	3.7 V	77 mAh	12 mm	5.6 mm
	GRP1415R1	3.7 V	12.5 mAh	14 mm	1.5 mm
	GRP2032R1	3.7 V	105 mAh	20 mm	3.4 mm
	GRP2440R1	3.7 V	210 mAh	24 mm	4.2 mm
High Volt 4.35V / 4.4V Series	GRP7854F1	3.8 V	30 mAh	7.8 mm	5.6 mm
	GRP9525G1	3.85 V	14.5 mAh	9.5 mm	2.6 mm
	GRP9554G1	3.85 V	45 mAh	9.5 mm	5.6 mm
	GRP1054G2	3.85 V	52 mAh	10 mm	5.6 mm
	GRP1250G1	3.85 V	68 mAh	12 mm	5.1 mm
	GRP1254G1	3.85 V	75 mAh	12 mm	5.6 mm
Ultra High Volt 4.48 Series	GRP2432GR	3.85 V	164 mAh	24 mm	3.4 mm
	GRP7854N1	3.9 V	31 mAh	7.8 mm	5.6 mm
	GRP1025N1	3.9 V	16 mAh	10 mm	2.6 mm
	GRP1054N1	3.9 V	55 mAh	10 mm	5.6 mm
LiFePO4 Series	GRP1254D1	3.9 V	47 mAh	12 mm	5.6 mm
	GRP1254N1	3.9 V	87 mAh	12 mm	5.6 mm
-50°C Low-Temp	GRP1254RL	3.9 V	68 mAh	12 mm	5.6 mm