

# INNOVATIVE FLEXIBLE Li-ion BATTERY



## NEW SHAPE / NEW FUTURE

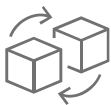
Revolutionizing the Metaverse Spatial Computing Era with our Flexible Battery

While conventional secondary batteries boasted ample capacity, their rigid form restricted usage. Earlier flexible alternatives allowed bending but compromised on capacity for IT devices. LiBEST, however, offers a breakthrough—combining unparalleled flexibility and high capacity.

Introducing the most advanced lithium-ion rechargeable flexible battery, meticulously optimized for metaverse applications, wearables, healthcare devices and beyond, enhancing the convenience in our daily lives.



### CORE COMPETENCIES



#### Enhanced Device Design

Our flexible battery seamlessly aligns with the device's contours, minimizing unused space, and contributing to a sleeker product thickness and overall design.



#### Extended Operating Hours

With universal flexibility, our battery allows you to boost capacity by strategically placing additional units in the tightest spaces within the device.



#### Wide-ranged Customization

Thanks to our in-house production our flexible batteries are fully customizable to meet your precise specifications, ensuring a seamless integration into your cutting-edge devices.

### AVAILABLE APPLICATION



Smart Glasses

HMD



Haptic Gloves

#### Metaverse



Smart Watches

Helmet



Logistics

#### Wearables



Vital Patch

Fitness Trackers



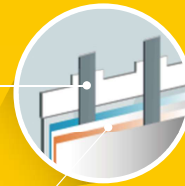
Medical Equipment

#### Healthcare

# LIBEST'S ADVANCED TECHNOLOGIES AND SAFETY

## Distinctive Structure

Our patented inner structure stands as a key technology, elevating both bending durability and battery capacity.



## External Pouch

Enhancing flexibility while minimizing external resistance, an exterior pouch reinforces the overall design.

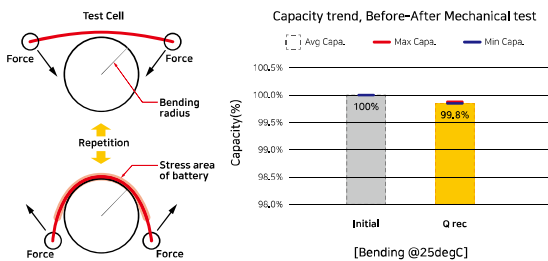


## Tailored Electrodes

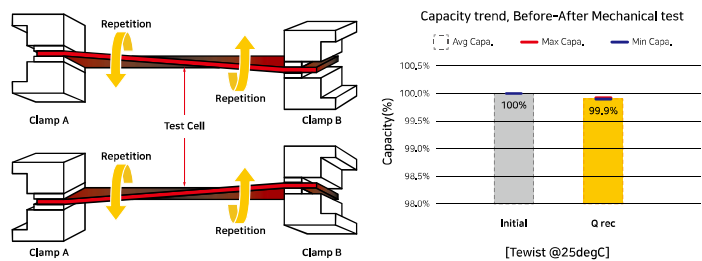
Our specialized electrode components not only maximize flexibility but also ensure exceptional bending durability.



## World-class Durability



\* Maintaining 99.8% Battery Capacity After 3000 Bends



\* Maintaining 99.9% Battery Capacity After 3000 Twists

## Product Line up

No.	Model	Dimension (mm)			Capacity (mAh)
		Width	Length	Thickness	
1	F2518054	18	54	2.5	68
2	F3920056	20	56	3.9	117
3	F2520082	20	82	2.5	145
4	F3928075	28	75	3.9	323
5	F3922158	22	158	3.9	543
6	F4129201	29	201	4.1	1,314

\* customization such as size, capacity, etc. is also available.

## CERTIFICATIONS

**UN38.3**

UN 38.3



UL



CB



PSE



KC



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