DATASHEET

18650 Battery Case with CID for Research | 10 & 25 Sets

Complete 18650 cylindrical cell hardware: can, cap, top and bottom insulating washers. Empty hardware, no electrolyte.

APPLICATION

For laboratory cylindrical cell assembly

KEY SPECS

- Format: 18650 cylindrical 10/25 pack
- Set contents: Can + cap + top washer + bottom washer
- Cap feature: CID (current interrupt device) safety vent

1. Specifications

Format	18650 cylindrical 10/25 pack
Set contents	Can + cap + top washer + bottom washer
Cap feature	CID (current interrupt device) safety vent

2. Product Details

Professional 18650 battery cases designed for cylindrical lithium-ion battery research.

Features CID (Current Interrupt Device) safety mechanism and precision-machined threads.

Choose between 304SS and 316L stainless steel depending on your electrolyte compatibility

requirements.

304 stainless steel cylindrical cell case, standard 18650 dimensions (Ø18mm × 65mm height), uniform wall thickness. Each set includes positive cap, negative cap, and gasket; 10 or 25 sets per pack. Positive cap integrates CID (current interrupt device) safety vent that disconnects current under abnormal internal pressure. For laboratory cylindrical cell assembly. Gasket ensures cell hermeticity, preventing electrolyte leakage and air ingress.

Related Guide: 18650 Battery Case Research Guide

3. Order / Quote

Model	Pack Size	Availability
18650-25	25 sets per pack (can + cap + top washer + bottom washer)	In stock (Amazon / US warehouse)
18650-10	10 sets per pack (can + cap + top washer + bottom washer)	In stock (Amazon / US warehouse)

Current pricing and ordering: labcorematerials.com/products/labcore-18650-battery-case/

4. Shipping & Compliance

- Ships as empty hardware. No electrolyte, no lithium. Not classified as dangerous goods.

Contact

business@labcorematerials.com

www.labcorematerials.com/products/labcore-18650-battery-case/