

Description

Samsung 30Q 18650 3000mAh 15A Button Top Battery – High-Performance Lithium-Ion Power Cell

Overview

The **Samsung 30Q 18650 3000mAh 15A Button Top Battery** is a **high-capacity lithium-ion rechargeable power cell**, designed for **efficient power delivery and long-lasting performance**. With a **3000mAh capacity** and a **continuous discharge rate of 15A**, this battery is an excellent choice for **moderate-to-high-drain devices**. Its **button top design** ensures compatibility with **flashlights, battery packs, and consumer electronics** that require a **raised positive terminal**.

Key Features







- ✔ **High Capacity:** 3000mAh ensures **extended runtime** before requiring a recharge.
- ✔ **Moderate Discharge Rate:** 15A continuous discharge, ideal for **moderate-to-high-drain applications**.
- ✔ **Lithium-Ion Chemistry:** Provides **stable, efficient, and reliable power output**.
- ✔ **Rechargeable & Durable:** Supports **hundreds of charge cycles** with minimal performance loss.
- ✔ **Button Top Design:** Ensures **compatibility with flashlights and other devices requiring raised terminals**.

Specifications

Specification	Details
Brand	Samsung
Model	30Q (Button Top)
Battery Type	18650
Capacity	3000mAh
Nominal Voltage	3.6V
Full Charge Voltage	4.2V
Discharge Cutoff Voltage	2.5V
Continuous Discharge Rate (CDR)	15A
Rechargeable	Yes
Protected	No (Unprotected cell – use with proper safety measures)
Cycle Life	~300+ charge cycles
Button Top	Yes
Diameter	18.6mm (including button top)
Length	~69mm (including button top)
Weight	~48g

Applications

The **Samsung 30Q 18650 3000mAh Button Top Battery** is widely used in **moderate-to-high-drain** electronic devices, including:

-  **Flashlights & LED Devices** – Ideal for **high-output LED torches** requiring a **button top battery**.
 -  **Battery Packs** – Frequently used in **custom-built energy storage solutions**.
 -  **Power Tools** – Suitable for **cordless drills, saws, and industrial tools**.
 -  **RC Vehicles & Drones** – Delivers **stable and long-lasting energy output**.
 -  **E-Bikes & Electric Scooters** – Commonly used in **DIY battery packs for electric mobility**.
 -  **Consumer Electronics** – Compatible with **cameras, medical devices, and industrial electronics**.
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Safety Guidelines & Warnings








IMPORTANT SAFETY NOTICE

Lithium-ion batteries require **proper handling and knowledge** to ensure safe operation. **Failure to follow safety guidelines** may result in **fire, explosion, serious injury, or property damage**.

General Safety Guidelines

- ✓ **Only purchase and use if you fully understand lithium-ion battery safety.**
- ✓ **Always charge in or on a fire-resistant surface**—never leave batteries charging unattended.
- ✓ **Use only a compatible smart charger** designed specifically for this type of battery.
- ✓ **Store batteries in a protective case**—never carry them loose in a pocket, bag, or purse.
- ✓ **Keep away from metal objects** (keys, coins, tools) to prevent short circuits.
- ✓ **Use only within manufacturer-listed specifications** and in **protected battery packs**.
- ✓ **Resellers must provide these warnings** to all customers.

Prohibited Uses & Handling

-  **DO NOT** use this battery in **e-cigarettes, vaporizers, or similar devices**.
 -  **DO NOT** mix **old and new**, or **used and unused** batteries.
 -  **DO NOT** short circuit, puncture, cut, crush, incinerate, or modify the battery.
 -  **DO NOT** use if the battery wrapper is **torn or damaged** in any way.
 -  **DO NOT** overcharge or over-discharge—this can lead to battery failure.
 -  **DO NOT** expose the battery to **liquids, extreme heat, or direct sunlight**.
 -  **DO NOT** solder directly—only **use spot welding** for battery pack assembly.
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User Responsibility & Risk Acknowledgment

- **The user assumes full responsibility** for proper handling, charging, and storage.
- **Misuse or mishandling may result in serious injury or damage.**
- **No guarantee of compatibility** with any specific device is provided.

- **Usage of this battery is at your own risk.**

By purchasing and using the **Samsung 30Q 18650 3000mAh 15A Button Top Battery**, you **acknowledge and agree** to follow all safety guidelines. **Failure to comply may result in hazardous consequences.** Prior knowledge of lithium-ion battery safety is required before purchase.

Stay safe and handle responsibly. 