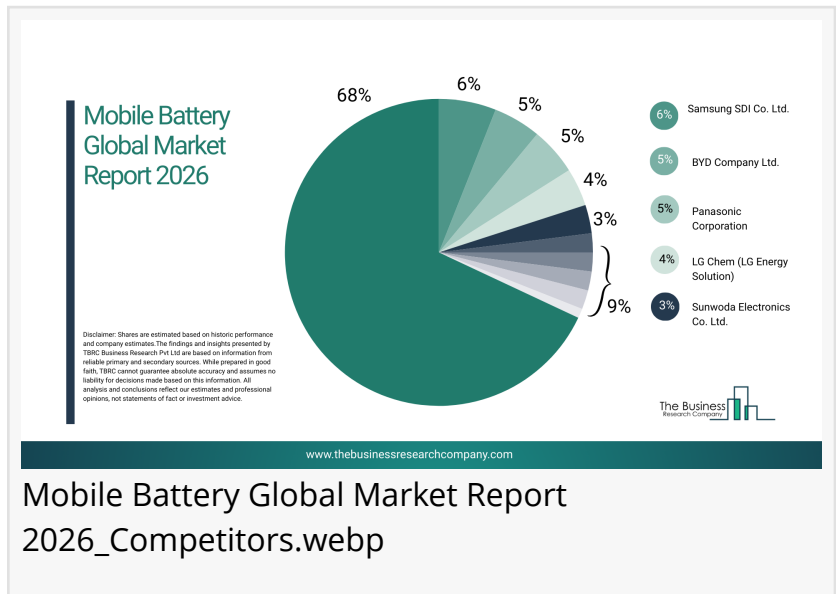


# Mobile Battery Market 2026: Understand Power Storage Innovations Supporting Next-Gen Mobility

*The Business Research Company's Mobile Battery Market Report 2026 – Market Size, Trends, And Global Forecast 2026-2035*

LONDON, GREATER LONDON, UNITED KINGDOM, March 5, 2026

/EINPresswire.com/ -- "The [Mobile Battery market](#) is dominated by a mix of global cell manufacturers, smartphone OEM-aligned battery suppliers, and regional specialists. Companies are focusing on high-energy-density lithium-ion chemistries, fast-charging technologies, and advanced safety management systems to strengthen market presence and meet the rising power demands of modern smartphones and portable devices. Strategic partnerships between battery makers and smartphone brands, investments in silicon-anode and solid-state research, and vertical integration of battery design and pack engineering are becoming central to competitive positioning. Understanding the competitive landscape is critical for stakeholders seeking cost leadership, technology differentiation, and long-term supply security in the rapidly evolving mobile power ecosystem.



## Which Market Player Is Leading the Mobile Battery Market?

According to our research, Samsung SDI Co. Ltd led global sales in 2025 with a 5.6% market share. The Energy Solutions division of the company is partially involved in the mobile battery market, provides advanced stationary battery storage solutions, notably the Samsung Battery Box (SBB) 1.5. This 20-foot containerized system utilizes high-nickel NCA cells, delivering 5.26 MWh per unit, a 37% energy density increase over previous models. SBB 1.5 features an enhanced direct injection system for effective fire suppression, ensuring safety and reliability. Additionally, Samsung SDI provides high-output batteries for uninterruptible power supply (UPS) systems, designed for data centers, offering over 40% increased output per rack and a lifespan more than triple that of existing products.

## How Concentrated Is the Mobile Battery Market?

The market is concentrated, with the top 10 players accounting for 31% of total market revenue in 2025. This level of concentration reflects high entry barriers driven by advanced battery chemistry requirements, capital-intensive gigafactory infrastructure, stringent safety and certification standards, and the need for long-term supply agreements with smartphone OEMs and consumer-electronics brands. Leading vendors such as Samsung SDI, BYD, Panasonic, LG Energy Solution, Sunwoda, Murata, Desay Battery, TDK (ATL), EVE Energy, and Belkin compete through high-energy-density cell technology, fast-charging performance, manufacturing scale, and strong customer relationships with major smartphone and device manufacturers, while mid-tier suppliers address cost-sensitive, high-volume segments, particularly in Asia. As demand for longer battery life, faster charging, and safer mobile power systems accelerates, strategic partnerships, technology licensing, and selective consolidation are expected to further strengthen the position of leading players within the global mobile battery ecosystem.

### •Leading companies include:

- oSamsung SDI Co. Ltd (6%)
- oBYD Company Ltd (5%)
- oPanasonic Corp (5%)
- oLG Chem (LG Energy Solution (4%)
- oSunwoda Electronics Co. Ltd (3%)
- oMurata Manufacturing Co. Ltd (2%)
- oDESAY Battery Co. Ltd (2%)
- oTDK Corp. (Amperex Technology Limited (ATL)) (2%)
- oEVE Energy Co. Ltd. (2%)
- oEVE Energy Co. Ltd (1%)

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## Which Companies Are Leading Across Different Regions?

- North America: Electrovaya Inc., Nano One Materials Corp., Microvast Holdings, Inc., A123 Systems LLC, CANBAT Technologies Inc., Saft Groupe S.A., Duracell Inc., Panasonic Corporation, LG Chem Ltd and Samsung SDI Co., Ltd are leading companies in this region.
- Asia Pacific: Zhuhai CosMX Battery Co., Ltd., Simplo Technology Co., Ltd., Huizhou Desay Battery Co., Ltd., Sunwoda Electronic Co., Ltd., Panasonic Corporation, LG Chem Ltd., Samsung SDI Co., Ltd., TWS Group, Amperex Technology Limited, China BAK Battery, Inc., BSLBATT, Tianjin Lishen Battery Co., Ltd., Maxell, Ltd., EVE Energy Co., Ltd and Xiaomi Corporation are leading companies in this region.
- Western Europe: BMZ Batterien-Montage-Zentrum GmbH, VARTA AG, Renata AG, Uniross, Saft Groupe S.A and Leclanché S.A. are leading companies in this region.
- Eastern Europe: BYD Europe B.V., Panasonic Corporation, LG Energy Solution Ltd., Ascend Elements, ElevenEs d.o.o. and Contemporary Amperex Technology Co., Limited are leading

companies in this region.

- South America: Duracell Inc., Panasonic Corporation, LG Chem Ltd., Samsung SDI Co., Ltd., Samsung Electronics Co., Ltd and Xiaomi Corporation and Huawei Technologies Co., Ltd are leading companies in this region.

What Are the Major Competitive Trends in the Market?

- Advancement of high-density battery technologies is transforming to deliver longer runtimes for smartphones and mobile devices while preserving or even reducing battery size.
- Example: OPPO battery for Find X8 Series (November 2024) assigns battery capacity from 5000 mAh (milliampere-hour) to 5630 mAh while also improving energy density to about 819 Wh/L (watt-hours per liter).
- These innovative new battery packs reduced thickness from 5.87 mm to 5.1 mm, enabling a significantly slimmer phone body of 7.85 mm without compromising battery life.

Which Strategies Are Companies Adopting to Stay Ahead?

- Investing in next-generation battery chemistries to improve energy density, fast-charging capability, and safety
- Expanding gigafactory and localized manufacturing capacity to secure supply chains, reduce dependence on imports, and meet rising demand from smartphones, wearables, and IoT devices
- Forming strategic partnerships with smartphone OEMs and chipmakers to co-develop battery systems optimized for power efficiency, thermal management, and compact device design
- Integrating smart battery management systems (BMS) and AI-based optimization to extend battery life, improve charging efficiency, and enable predictive health monitoring across mobile devices

Access the detailed Mobile Battery Market report here:

[https://www.thebusinessresearchcompany.com/report/mobile-battery-global-market-report?utm\\_source=EINPresswire&utm\\_medium=Paid&utm\\_campaign=Mar\\_PR](https://www.thebusinessresearchcompany.com/report/mobile-battery-global-market-report?utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Mar_PR)

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