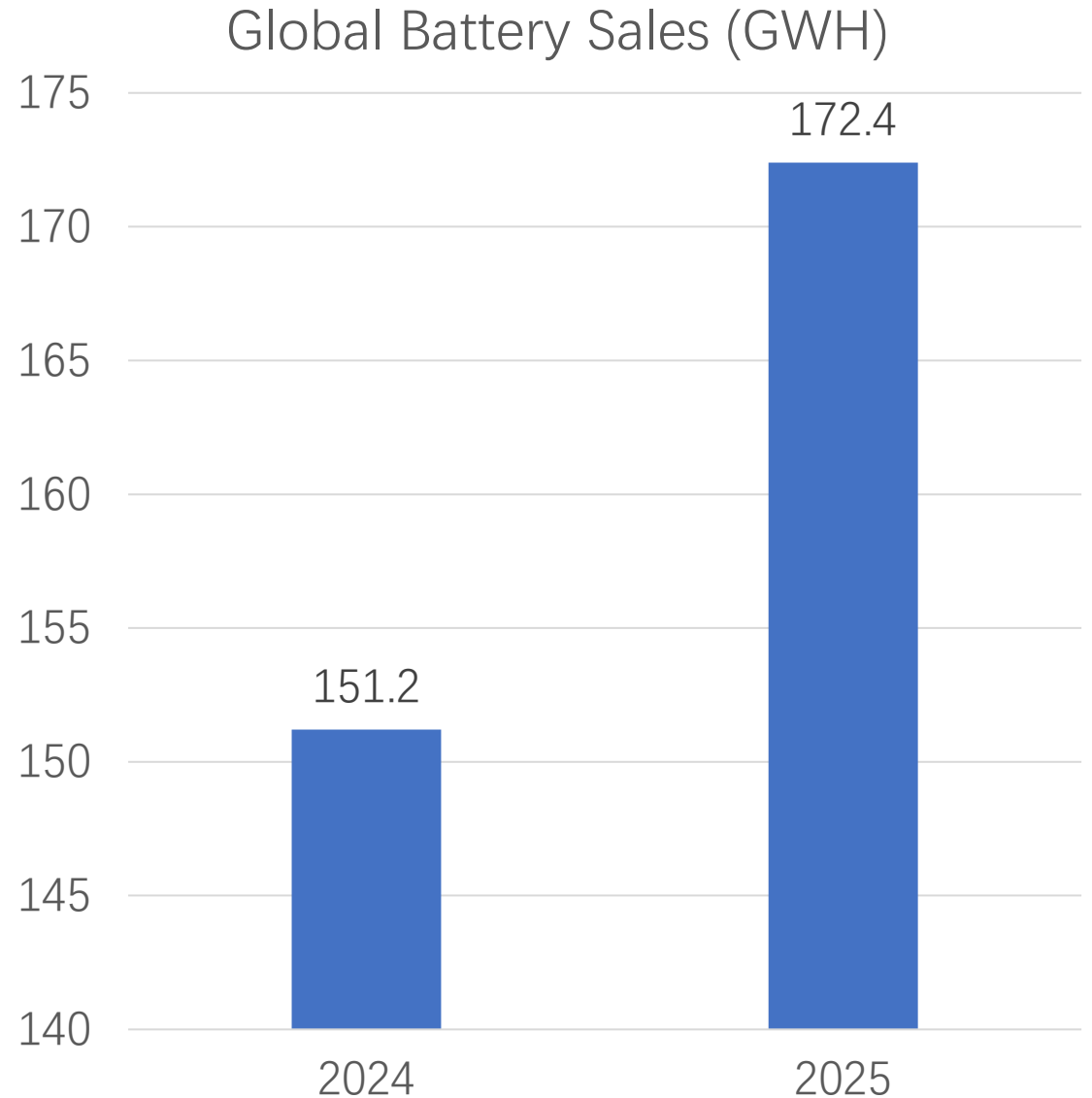


Global cylindrical battery market size

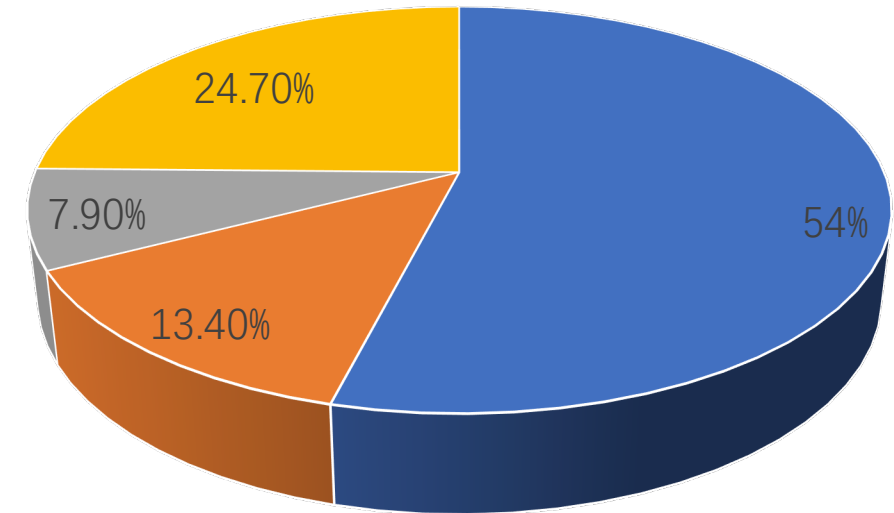
In 2024, global cylindrical battery sales reached **151.2GWH**, a year-on-year increase of **24%**. It is expected that sales will increase to **172.4GWH** in 2025, a year-on-year increase of **14%**. In 2024, **portable power supplies, electric vehicles, electrical tools, Street lights and other fields** grow rapidly.



The segment of cylindrical battery application

In the application of cylindrical battery cells, **electric vehicles**, **electrical tools**, and **3C fields** are still the main markets for cylindrical battery sales, accounting for **54%**, **13.4%**, and **7.9%** respectively in 2024. However, compared with 2023, the share of electric vehicles and 3C has decreased, while the market share of cylindrical batteries in electrical tools, **light power**, **portable energy storage**, **home ESS**, etc. has increased significantly.

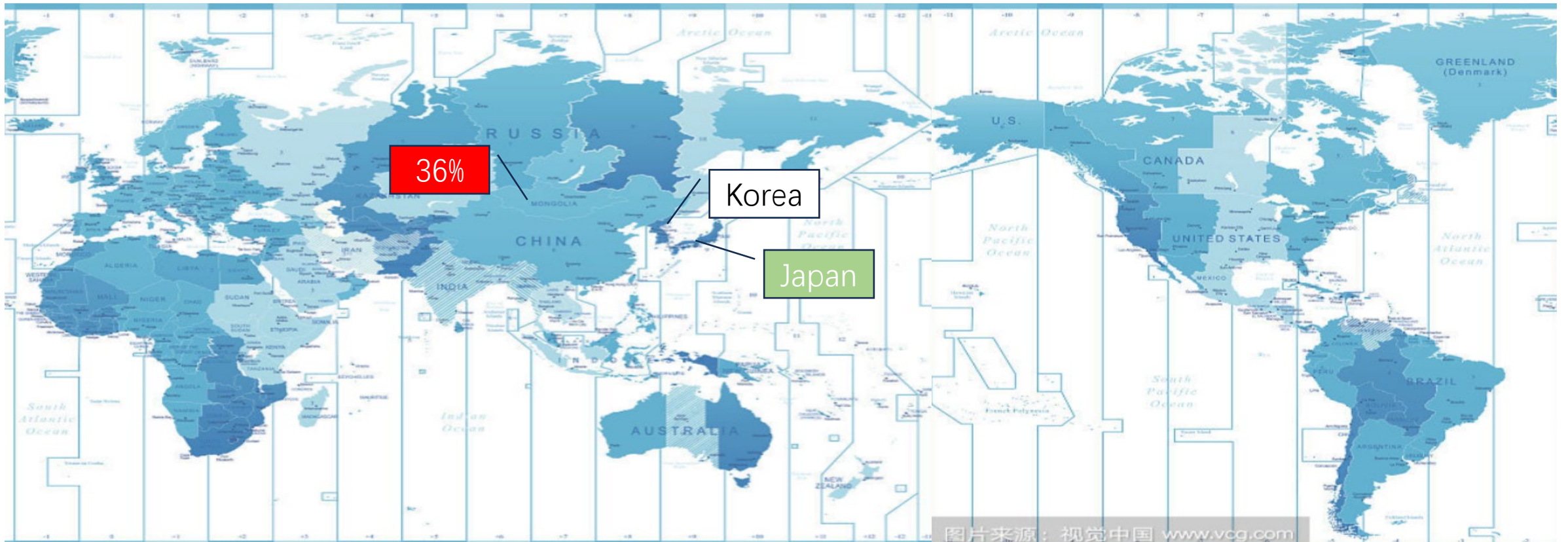
Segments proportion



■ Electric vehicles ■ Electrical tools ■ 3C fields ■ Others

Competitive situation

China's cylindrical battery market share in the global market had increased by 8% in 2024, reaching 36% of the global market share. It is surpassing Japan and expected to surpass South Korea in 2025 to become the world's largest cylindrical battery production and sales country.



Changes in the product structure of cylindrical battery (by number)

Among the cell models, calculated by the number of sales, although the 18 series and 21 series cylindrical batteries still occupy the main market share, accounting for 52% and 43% respectively in 2024, they will decrease by 2% and 1.5% respectively compared with 2023. The market share of large cylindrical batteries such as 30-40 series, 40 series, and 60 series is gradually expanding.



In the material structure, the proportion of lithium iron phosphate, sodium positive electrode and other materials has increased significantly. In 2024, lithium iron phosphate accounted for 12%, an increase of 6%. Ternary materials decreased by 6% year-on-year. In 2024, it accounted for 81%

LiFePO₄

12%

Li(NiCoMn)O₂

81%

Summary of global cylindrical battery trend analysis

Product model: For automobiles, the share of large cylindrical batteries will increase, especially the 46, 60 and other specifications. Light power and small energy storage, The proportion of 26, 32, 40 and other specifications will increase.