

# China's EV battery dominance

Despite efforts from the U.S. and Europe to increase domestic production of batteries, the market remains dominated by China

**Lithium-ion battery manufacturing capacity (2023 estimate, 2030 projection)**

**CHINA 2,864 gigawatt-hours**      **EUROPE 351GWh**      **U.S. 232GWh**

**Total capacity, 2023**  
**3,575GWh**

**Rest of world 128GWh**



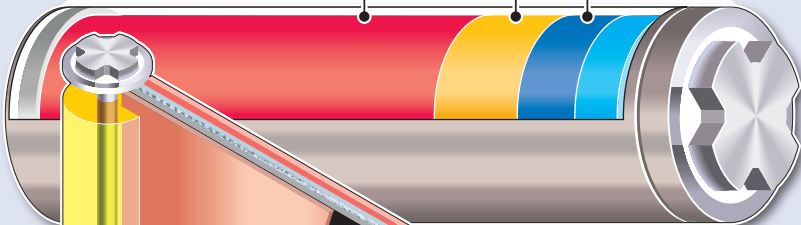
**CHINA 7,359 gigawatt-hours**

**EUROPE 1,507GWh**

**U.S. 1,033GWh**

**Total capacity, 2030**  
**10,461GWh**

**Rest of world**  
**562GWh**



**Electrolyte:**  
China controls  
over **50%**  
of electrolyte  
production

**Anode:** Controls  
over **80%** of world  
anode production

**China's dominance:**  
**Controls production**  
**of cell components.**  
Four parts that are  
essential for battery  
to work

**Cathode:** China  
controls **70%** of world's  
production capacity

**Separator:** Controls  
well over half of  
separator output