Performing Stocks of EV Industries

In 2019

Best Performing EV Manufacturers
1. Tesla, Inc. (TSLA)

- Tesla, the leading EV manufacturer, experienced exceptional growth in 2019 with its Model 3 becoming the most popular electric car. Tesla's stock performance mirrored the company’s strong production numbers and continued innovation.
- Market Cap in 2019: $75 billion
- Model 3 Sales in 2019: ~300,000 units
- 2019 Opening Share Price: $310
- 2019 Closing Share Price: $418
- Stock Growth Trend: 25% increase in Q4 2019 due to strong delivery numbers.

2. General Motors (GM)

- General Motors pushed forward in the EV space with its Chevrolet Bolt, investing heavily in electric vehicle development. The company aimed to stay competitive in the evolving market.
- Market Cap in 2019: $50 billion
- EV Sales in 2019: 16,418 Chevrolet Bolts
- 2019 Opening Share Price: $33.44
- 2019 Closing Share Price: $36.66
- Key Trend: Gradual stock recovery driven by expansion into electric vehicles.

3. Volkswagen AG (VWAGY)

- Volkswagen AG committed to the electric vehicle revolution with its ID.3 launch. The company heavily invested in EV infrastructure as part of its long-term strategy to become a leader in the global EV market.
- Market Cap in 2019: $86 billion
- Planned EV Sales by 2025: 1.5 million units
- 2019 Opening Share Price: $16.87
- 2019 Closing Share Price: $17.88
- Key Trend: Steady growth as the company invested billions in electric vehicle manufacturing.

4. BYD Co., Ltd. (BYDDF)

- BYD remained a leading Chinese EV maker in 2019, supported by its battery production business. It experienced significant growth in the domestic EV market.
- Market Cap in 2019: $22 billion
- EV Sales in 2019: 229,506 units
- 2019 Opening Share Price: $5.38
- 2019 Closing Share Price: $6.30
- Key Trend: Strong performance due to growing demand in China and increased battery production.

Best Performing Li-on Mine's and Suppliers
1. Albemarle Corporation (ALB)

- Albemarle is one of the largest producers of lithium, supplying lithium compounds used in electric vehicle batteries. In 2019, Albemarle expanded its operations in Australia and Chile to meet rising global demand for lithium.
- Market Cap in 2019: $9 billion
- 2019 Opening Share Price: $71.33
- 2019 Closing Share Price: $72.85
- Key Trend: Expansion in lithium production sites and partnerships with EV manufacturers.

2. Ganfeng Lithium

- Ganfeng Lithium is a top global supplier of lithium, critical for EV batteries.
- - Opening Price: ¥23.07 (January 2, 2019)
- - Closing Price: ¥34.98 (December 31, 2019)
- - Growth due to increased lithium demand and partnerships with Tesla.

3. LG Energy Solution

- LG Energy Solution is a major supplier of lithium-ion batteries for EVs.
- - Opening Price: ₩303,000 (January 2, 2019)
- - Closing Price: ₩383,000 (December 31, 2019)
- - Growth driven by high demand for EV batteries from Tesla and others.

Products of Tesla Best Performing

1. Tesla Model 3:

- Tesla Model 3 became a market leader due to its affordability.
- Record sales in 2019 and 2020 due to high demand and production efficiency.

2. Tesla Powerwall:

- Tesla Powerwall saw increased adoption in 2019-2020 due to growth in home energy storage.
- Demand driven by environmental awareness and ease of integration with solar systems.

3. Tesla Model Y:

- Tesla Model Y launched successfully in 2020, expanding the Tesla product line.
- High demand due to its versatility as a compact SUV.

Worst Performing

1. Tesla Semi

- Delays in production and deployment of the Tesla Semi.
- Causes: Production delays and infrastructure challenges for long-haul EVs.

2. Tesla Solar Roof

- Challenges in scaling production of the Solar Roof in 2019 and 2020.
- High installation costs and delays in deployment caused poor performance.

3. Tesla Roadster (2nd Gen):

- Delayed release and production of the second-gen Roadster.
- Impact: Failed to capitalize on early hype due to delays.

Conclusion:

- Tesla's best-performing products capitalized on high demand and efficient production.
- Worst-performing products faced challenges due to delays, cost, and scalability.