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CONTEMPORARY AMPEREX TECHNOLOGY LIMITED SWOT & PESTLE ANALYSIS

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Company Name: Contemporary Amperex Technology Limited

Company Sector : Automotive Batteries, Energy Storage Systems

Operating Geography: China, Asia, Global

About the Company:

Contemporary Amperex Technology Co. Limited, also known as CATL, is a Chinese battery producer and technology firm that was established in 2011 and focuses on the production of lithium-ion batteries for electric vehicles and energy storage systems as well as battery management systems (BMS). The company was established as a spinoff of Robin Zeng's prior company, Amperex Technology Limited (ATL), which he had established in 1999. Its headquarters are in Ningde, Fujian Province, where it also runs manufacturing facilities. Its four primary R&D centres are located in Ningde, Fujian, Liyang, Jiangsu, Shanghai, and Munich, Germany. The company's main business activities are the development, production, and sales of energy storage and new energy vehicle power battery systems. Power battery systems, energy storage systems, and lithium battery components are the firm's major products. Products from the firm are primarily employed in the production of electric passenger cars, electric buses, and speciality vehicles including electric logistics cars. The business sells its goods in both domestic and international markets. Qilin, the third iteration of CATL's CTP (cell-to-pack) technology, was

released in June 2022. It reaches the highest level of integration to date and can easily deliver a range of more than 1,000 km owing to a record-breaking volume utilisation efficiency of 72% and an energy density of up to 255 Wh/kg.

The unique selling proposition of CATL is that it is the largest manufacturer of lithium-ion batteries for electric vehicles (EVs) in the world as well as a leader in cutting-edge new energy technologies. The mission statement of CATL reads, "Innovate to enable customer's achievements"

Revenue:

CNY 130.36 billion - FY ending 31st December 2021 (y-o-y growth 159.06%)

CNY 50.31 billion - FY ending 31st December 2020



SWOT Analysis:

The SWOT Analysis for Contemporary Amperex Technology Limited is given below:

Strengths	Weaknesses
1.First generation sodium ion batteries	1.No Manufacturing facility developed outside
offering affordability and more applications	China
2.The Exponential growth of the company	
3.Partnership with top global players in	
Automotive Industry	
4.A Global leader in lithium-ion battery	
manufacturing	
5.Greater returns and value creation for	
shareholders	
Opportunities	Threats
Opportunities 1.Rising demand for electric vehicles globally	Threats 1.CATL faces currency risk due to fluctuation
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1.Rising demand for electric vehicles globally 2.Battery as service model can help drive	1.CATL faces currency risk due to fluctuation of Chinese yuan
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1.Rising demand for electric vehicles globally 2.Battery as service model can help drive demand for EV battery 3.Opportunity in commercial vehicle sector	1.CATL faces currency risk due to fluctuation of Chinese yuan2.US China trade war will create challenges for CATL
1.Rising demand for electric vehicles globally 2.Battery as service model can help drive demand for EV battery 3.Opportunity in commercial vehicle sector due to growing trend towards e-mobility	1.CATL faces currency risk due to fluctuation of Chinese yuan2.US China trade war will create challenges for CATL3.Growing competition in local and global



PESTLE Analysis:

The PESTLE Analysis for Contemporary Amperex Technology Limited is given below:

Political	Economical
1.Increasing tensions between West and China	1.Lithium scarcity driving its prices up has put
over Taiwan	pressure on CATL
2.Reduced tax cuts by China can create	2.Rising inflation can affect company's
downward drag on CATL's sales	business
Social	Technological
1.Consumers willing to spend more on EV to	1.Hydrogen fuelled EV as replacement for
reduce environmental impact	battery-based EV
2.China's aging population can create shock for	2.Development of sodium ion batteries as a
CATL	replacement for Lithium batteries
Legal	Environmental
1.Ongoing legal dispute with rival over IP	1.Increasing concern due to pollution caused
violation	by carbon fuelled vehicles
2.Allegation of corruption in DRC over	
purchasing of cobalt	

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