A solar vehicle is an electric vehicle powered completely or significantly by direct solar energy. Usually, photovoltaic (PV) cells contained in solar panels convert the sun's energy directly into electric energy. The term "solar vehicle" usually implies that solar energy is used to power all or part of a vehicle's propulsion. Solar power may be also used to provide power for communications or controls or other auxiliary functions. Solar vehicles are not sold as practical day-to-day transportation devices at present, but are primarily demonstration vehicles and engineering exercises, often sponsored by government agencies. However, indirectly solar-charged vehicles are widespread and solar boats are available commercially.

Scope of the Report:
The global Solar Vehicle market is valued at xx million USD in 2018 and is expected to reach xx million USD by the end of 2024, growing at a CAGR of xx% between 2019 and 2024. The Asia-Pacific will occupy for more market share in following years, especially in China, also fast growing India and Southeast Asia regions. North America, especially The United States, will still play an important role which cannot be ignored. Any changes from United States might affect the development trend of Solar Vehicle.

Europe also play important roles in global market, with market size of xx million USD in 2019 and will be xx million USD in 2024, with a CAGR of xx%.

This report studies the Solar Vehicle market status and outlook of Global and major regions, from angles of players, countries, product types and end industries; this report analyzes the top players in global market, and splits the Solar Vehicle market by product type and applications/end industries.

Market Segment by Companies, this report covers Lightyear
Volkswagen
Toyota
Nissan
Ford
General Motors
Mahindra & Mahindra
Sono Motors
Hanergy Thin Film Power Group
Market Segment by Regions, regional analysis covers North America (United States, Canada and Mexico)
Europe (Germany, France, UK, Russia and Italy)
Asia-Pacific (China, Japan, Korea, India and Southeast Asia)
South America (Brazil, Argentina, Colombia)
Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)
Market Segment by Type, covers Battery Electric Vehicle (BEV)
Hybrid Electric Vehicle (HEV)
Market Segment by Applications, can be divided into Passenger Car
Commercial Vehicle

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