

# GM Ultium System

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**Abstract:** Faced with increasingly strict environmental regulations and customers' demand for sustainable, connected, and cost-effective cars, the electrification of vehicle is constantly being promoted. Focusing on the Chinese market and consumers' demand for frontier travel technology and intelligent travel life, SGM has continued to integrate global advantageous resources to bring consumers a "safe, intelligence and performance" electric driving experience. In 2020, General Motors released the all-new Ultium electric platform in North America. SGM and PATAC participated in design and development of the underlying architecture of the Ultium. We will introduce the three core advantages of the Ultium platform-safe, intelligence and performance.

**Bio:** Yingliang Ji is battery pack design manager at Pan Asia Technical Automotive Center, working for automotive battery development over 15 years. As Ultium battery system lead designer, has conducted Ultium battery system development work in multi applications, and working on 2nd generation Ultium system.