

# Ls6 inverter power module

UAES 250kW Rear Inverter for SAIC IM LS6 features, dismantling, internal and block diagram images, parts

IM LS6 is an all-electric premium SUV co-developed by SAIC Motor and Alibaba-backed IM Motors. LS6 is based on a 900V electrical architecture, which benefits from silicone-carbide inverter and highly ...

The systems evaluated include the Tesla 400 V rear inverter (220 kW), the UAES 400 V rear inverter (250 kW), and the Inovance 800 V rear inverter (estimated at 190 kW), integrated into the Tesla ...

Thanks to its double-sided cooling technology and half-bridge configuration, this power module is the ideal solution for compact, flexible, and integrated Si-based main inverter designs up to 75 kW.

Inverters in Tesla Model Y, SAIC IM LS6 and XPENG G6 at a Glance In light of recent reports on the teardown of inverters from the Tesla Model Y, SAIC IM LS6 and XPENG G6, Yole Group today...

The LS6 is available in two drive configurations, both of which transmit power to both axles using two motors. The first one develops 501 hp (374 kW; 508 PS), while the other one has 776 hp (579 kW; ...

With its combination of high performance, advanced technology, and competitive pricing, the LS6 stands as a top choice for those seeking the pinnacle of electric vehicle innovation.

We sought to uncover the specific power module used in this inverter. We discovered that the UAES rear inverter is equipped with #IGBT Power Modules from Semikron Danfoss.

Optimized for highest power density at smallest size, the module is part of Bosch's automotive inverter and eAxle. It is also available independently for manufacturers and suppliers and their own vehicle ...



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