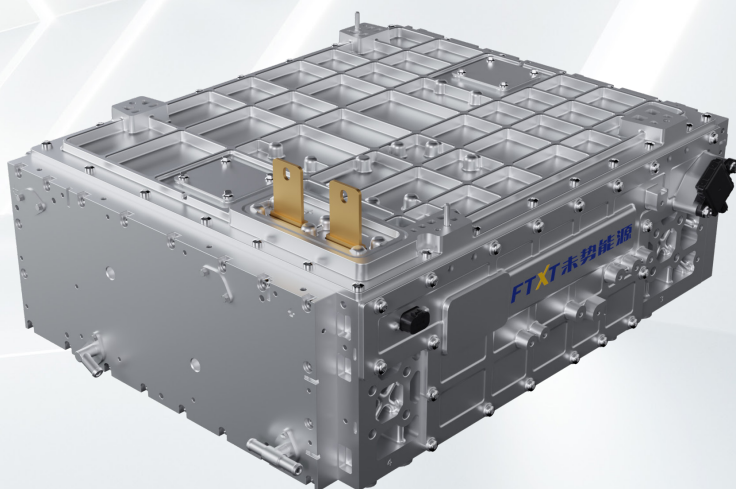


G17A Fuel Cell Stack



Peak power

175.1 kW

Rated power

160.1 kW

Voltage range

97.8_V~489_V

Current range

0_A ~ 541.8_A

Stack core volume power density

5.0 kW/L

Cold start temperature

- 30 °C

Durability

10000 h

PRODUCT PRESENTATION

The new generation of 170kW high-power water-cooled fuel cell stack that has been independently researched and developed by FTXT. It adopts a new generation of electric stack packaging form, which improves the integration degree of the entire stack. Furthermore, customized development can be carried out based on the customer's power requirements and specific use scenarios.

TECHNICAL HIGHLIGHTS

- High dynamic responsiveness-Stack level dynamic load rate $\geq 75\text{kW/s}$.
- Wide operating temperature-The maximum temperature of the cooling outlet is 83° C (95°C can be tolerated for a short time).
- Intelligent, high-precision visual inspection system.
- High reliability-The waterproof and dustproof level meets IP67 and IP6K9K, and can tolerate 25g mechanical shock.

Application scenario of G17A fuel cell stack

The product can be used in passenger cars, buses, BRT, rail trains, ships and heavy trucks and other scenarios, and also can be extended to aviation, hydrogen power generation, high-power standby power supply and other applications.



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