

FY06B-15kW Battery Stack

(Low Voltage)



Project	Parameter
Rated power(kW;@0.65V)	15kW
Rated voltage (V)	51.5V
Core size (length x width x height; mm)	308.2*123.3*177.2
Overall dimensions (length x width x height; mm)	416.2*206.3*305.2
Cathode/anode metering ratio	Anode: 1.2~1.5; Cathode 1.4~2.0
Medium pressure(kPaC)	Anode pressure: 55kpa Cathode pressure: 30kpa
Coolant temperature (°C)	The coolant enters the reactor at a temperature range of 30-80 °C and the outlet temperature difference is within 12 °C; Stable operation at lower reactor temperatures
Medium humidity(RH)	Self humidifying, anode: 10%~100%; Cathode: 0%~100%;
Three cavity flow resistance (kPa)	Anode: ≤ 25; Cathode: ≤ 40; Cooling chamber: ≤ 45
Vibration resistance/impact resistance	Higher than the requirements of GB/T 33978-2017 and GB/T 36288-2018
Cold start performance	-40 °C without external assistance



High performance

Fast startup speed and short response time



Independently developed and designed

Customized design and development based on customer needs



Accurate and controllable

Good environmental adaptability