

FY06M-200kW Battery Stack



Project	Parameter
Rated power (kW, @ 0.65V)	200
Number of single batteries (pieces)	500
Rated voltage (V)	325
Rated current (A)	775
External dimensions	740*530*228(Fenergy standard packaging stack, customizable according to customer needs)
Cathode/anode metering ratio	Anode: 1.4-2; Cathode 1.6~2.2
Medium pressure (kPa G)	Anode: 30-170, greater than or equal to the cathode within 20kPa; Cathode: 30-150
Cooling liquid temperature (°C)	The coolant enters the reactor at 30-75 °C and the outlet temperature difference is within 12 °C; Stable operation at lower reactor temperatures
Medium humidity (RH)	Anode: 10-50%; Cathode: 0%~50%; Stable operation under dry gas conditions
Three chamber flow resistance (kPa)	Anode: ≤ 25; Cathode: ≤ 55; Cooling chamber: ≤ 50
Vibration/Shock	Higher than the requirements of GB/T 33978-2017 and GB/T 36288-2018
Cold start performance	-30 ° 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