

## Electrolyte-supported Cells



### Features:

- High Power Density
- High Mechanical Strength
- Long term Stability
- High Planarity
- Customized Size & Shape

### SEM Pictures

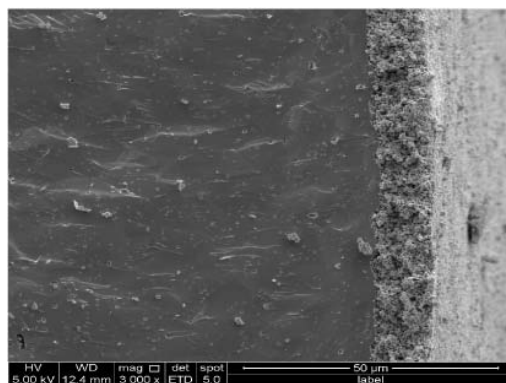
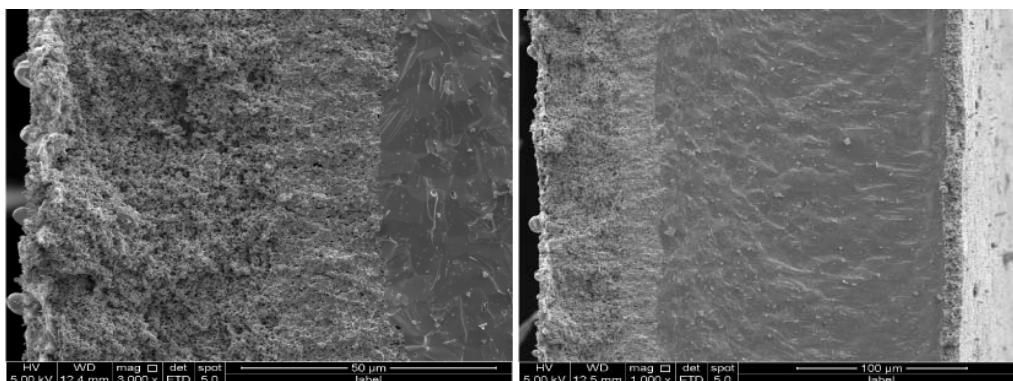


Fig. 1~3 Transverse Cross Section pictures of 8YSZ Cells

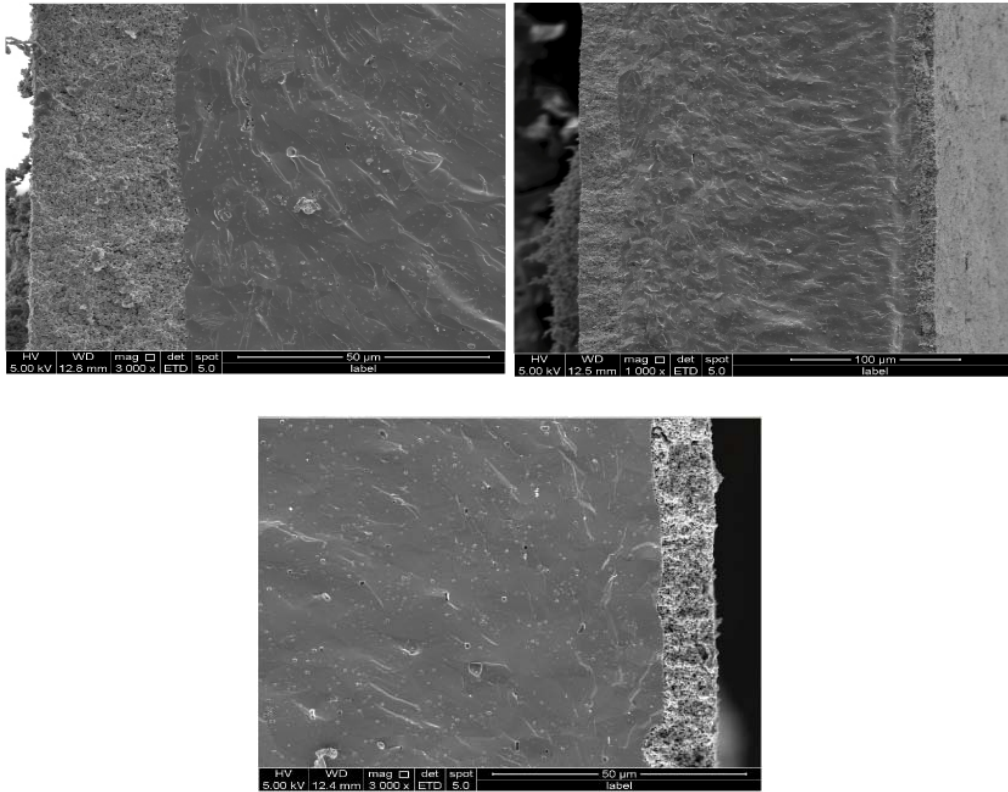


Fig. 4~6 Transverse Cross Section pictures of SSZ Cells

**Performance:**

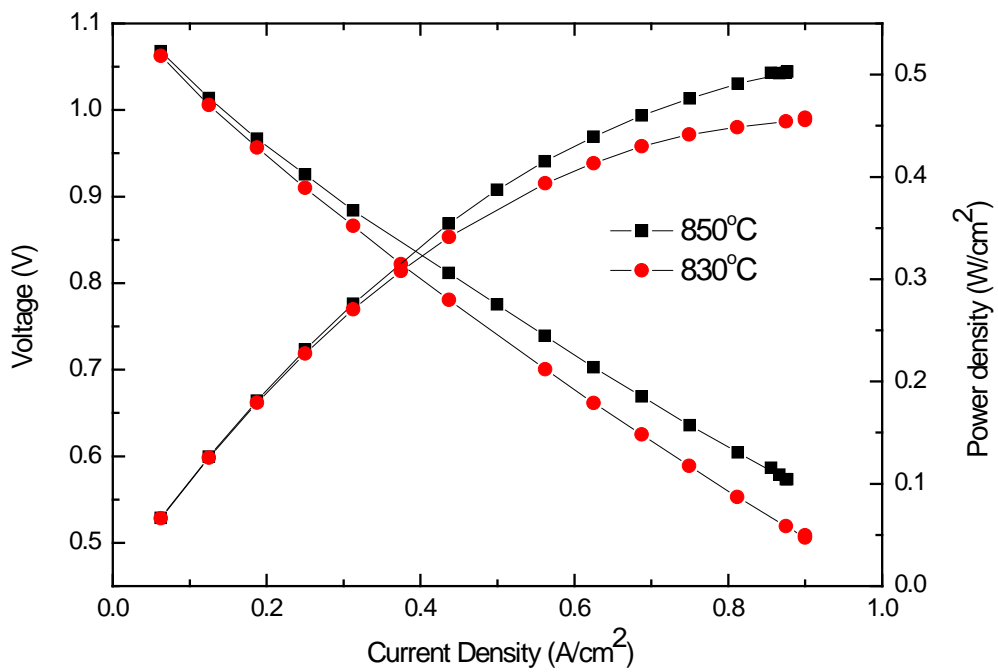


Fig. 7 Electrochemical Performance of 8YSZ Cells

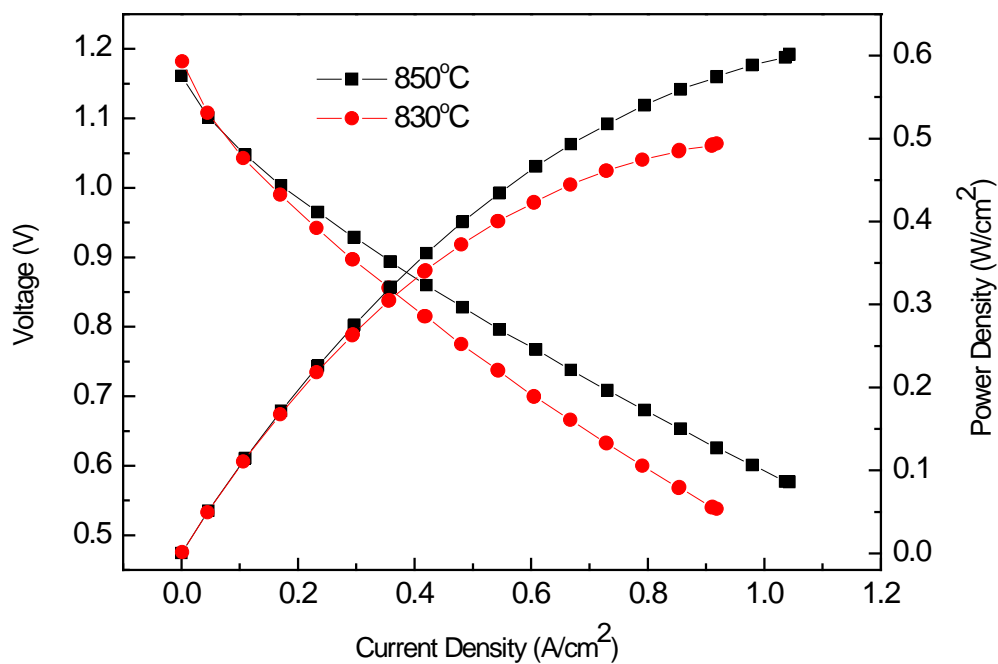


Fig. 8 Electrochemical Performance of SSZ Cells

**Technical Data:**

Product Type	8YSZ-supported Cells	SSZ-supported Cells
Electrolyte/Thickness	200±10μm	200±10μm
Cathode/Thickness	25±3μm	25±3μm
Anode/Thickness	10±3μm	10±3μm
Power Density	≥0.35W/cm <sup>2</sup> @830℃, 0.75V	≥0.5W/cm <sup>2</sup> @830℃, 0.75V
Size	Button to 10cm×10cm	Button to 10cm×10cm

**Price List:**

Size	8YSZ Cell	SSZ Cell
5cm×5cm	378.00 RMB	540.00 RMB
10cm×10cm	486.00 RMB	810.00 RMB

\*Cell size can be customized. The minimum order amount is 50 sheets.

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