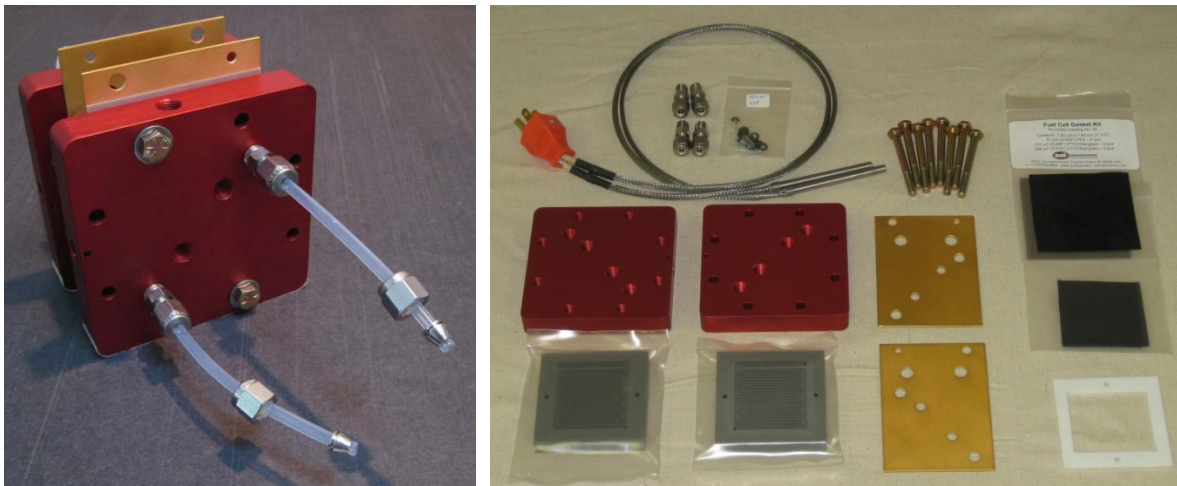


Scribner Redox Flow Cell – Performance & Charge/Discharge Data

REDOX FLOW BATTERY SINGLE CELL HARDWARE



- Active area 5 to 25 cm²
- Multiple assembly configurations – gap or gap-less, electrode type & thickness
- All non-metallic flow path
- POCO graphite plate flow fields
- SGL Carbon SIGRACELL[®] graphite felt
- Teflon[®] flow frames
- Anodized aluminum end plates with reactant input/output ports, Swagelok[®] fittings, cartridge heaters & thermocouple well

DISCLAIMER

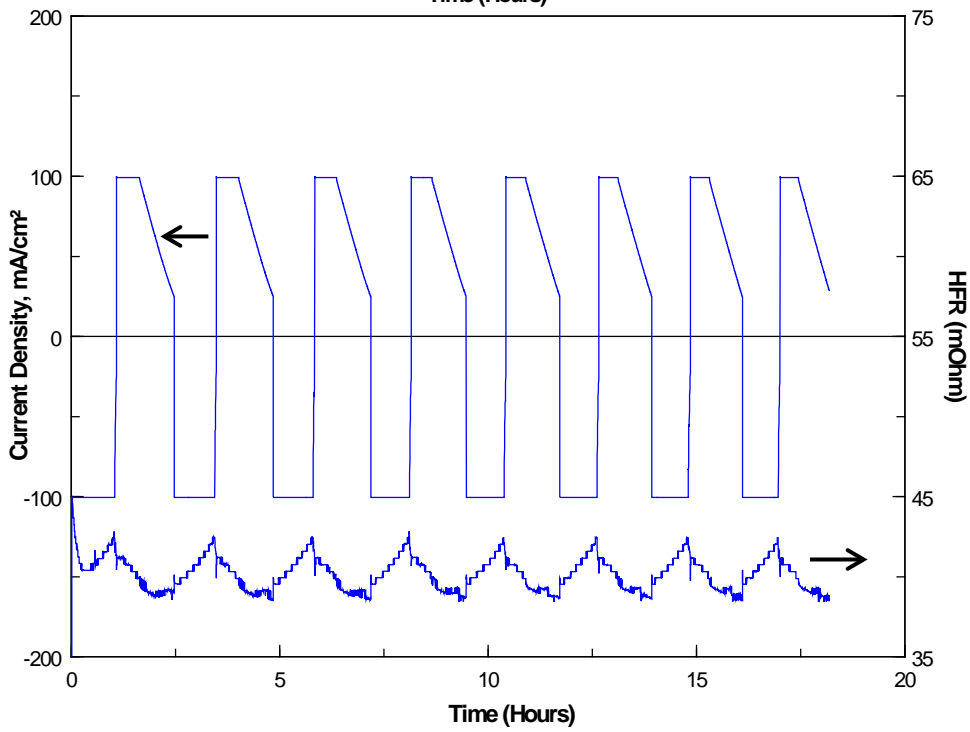
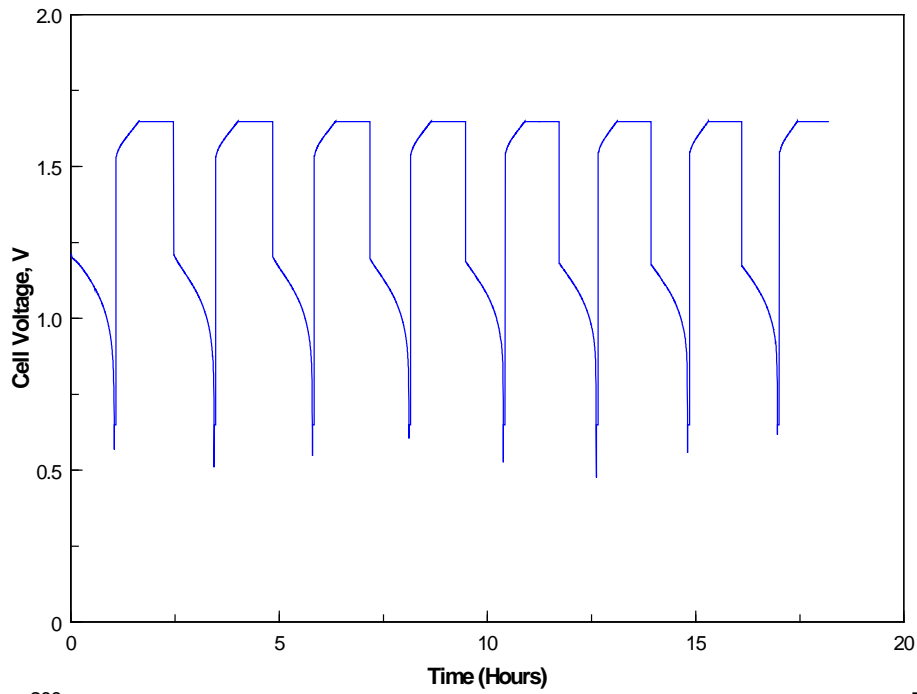
Cell performance is dependent on many factors beyond the control of Scribner, such as cell configuration and assembly, solution chemistry, membrane type and thickness, operating conditions, *etc.* For this reason, Scribner Associates, Inc. makes no implicit or implied warranty as to the performance of the redox flow cell.

TEST CONDITIONS

Scribner RFB Single Cell Hardware, Nafion[®] 212 membrane, 30 °C, 1.5 M V^{2+/3+} / 1.5 M V^{4+/5+} in 3 M H₂SO₄, 100 mL @ 100 mL/min, 25 cm², 4.6 mm GFD (SGL Carbon) felt electrodes, cell resistance ~ 40 mΩ by HFR @ 2.5 kHz.

ACKNOWLEDGEMENT

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