A picture of the thermally self-sustained micro-SOFC

Supplementary Figure. 3  A picture of the micro-fuel cell which has successfully powered a 1.5 V MP3 player under thermally self-sustained conditions. The cells of the stack are placed in an anode-facing-anode configuration, and the fuel composition is \(40 \text{ ml.min}^{-1} \text{ C}_3\text{H}_8 + 90 \text{ ml.min}^{-1} \text{ O}_2 + 360 \text{ ml.min}^{-1} \text{ He} \) (all in STP). The stack self-sustained a temperature of \(\sim 575^\circ \text{C} \) and delivered about 350 mW of power at 1.0 V.