On-Demand Micro-Power Generation from an Origami-Inspired Paper Biobattery Stack

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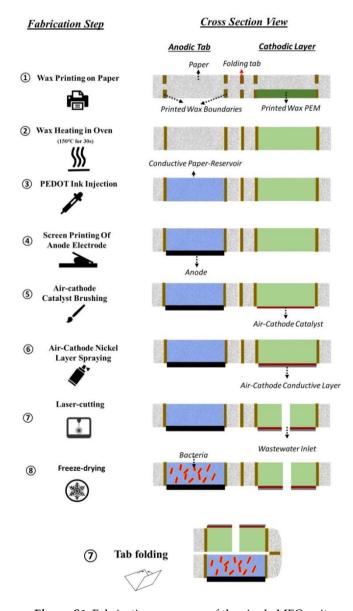


Figure S1. Fabrication processes of the single MFC unit

(a) Cathode layer of the MFC Air-cathode catalyst layer 20 µm Nickel spray coating layer (b) Anode layer of the MFC Screen-printed graphite ink After bacterial inoculation

Figure S2. SEM images of the MFC (a) cathode and (a) anode of the screen-printed graphite ink with or without bacterial cells

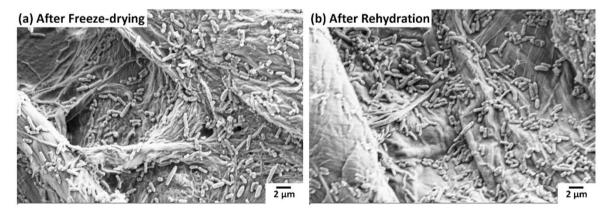


Figure S3. SEM images of the engineered anodic chamber after (a) freeze-drying and (b) rehydration processes

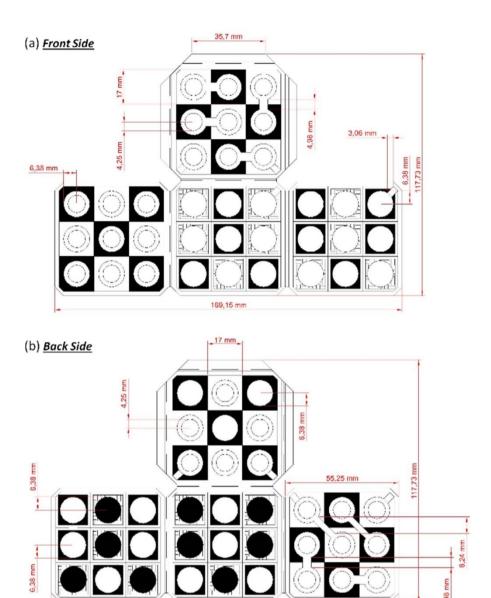


Figure S4. Dimensions of the nine-MFC stack

169,15 mm