



chemventive
innovative excellence

AMERICAN MADE MICROBATTERY CHALLENGE

The challenge calls for designs for micro batteries to support new uses for small electronic devices with improved performance, safety, and recyclability where a micro battery is defined as one that fits within of a volume 0.1 cc

Metal-air batteries have a reduced footprint as half the fuel needed for their operation resides outside the battery. However, once their seal is broken they continue to discharge whether in use or not.

We use MEMs technology to restrict the air supply when a connected device is in sleep mode thereby greatly extending the battery's lifetime.