Discharge performance of the non-rechargeable lithium-air batteries with a waterproof and breathable film in an open environment

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PDMS

Fig. S1 PDMS film



Fig. S2 Discharge curve of battery with different thickness PDMS film



Fig. S3 The impedance of the batteries with and without hot pressure

 

Fig.S4 Photos of coin-type and pouch-type lithium-air battery



Fig.S5 The discharge curve of battery in the constant temperature and humidity box (25°C, 30%RH)



Fig.S6 XRD patterns of air electrode of lithium air battery after discharge