## **Supporting information**

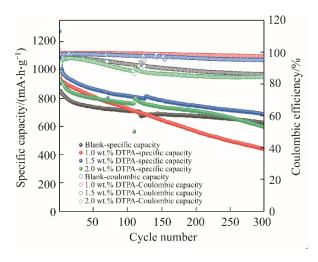


Figure S1 The cycle performance of batteries with different contents of DTPA at 0.5C

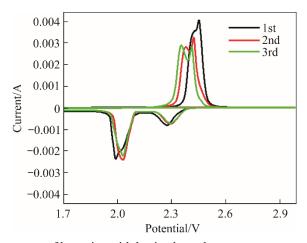


Figure S2 Cyclic voltammetry of batteries with basic electrolyte

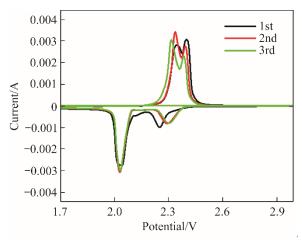


Figure S3 Cyclic voltammetry of batteries with 1.5 wt.% DTPA additive

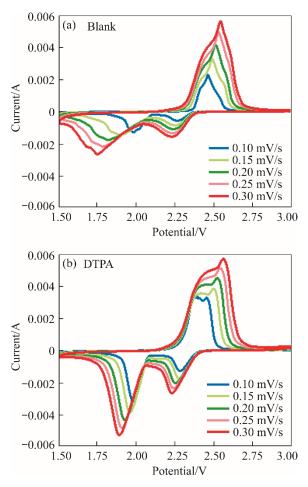


Figure S4 Cyclic voltammetry of basic electrolyte battery and 1.5 wt.% DTPA-containing electrolyte battery at different scan rates