

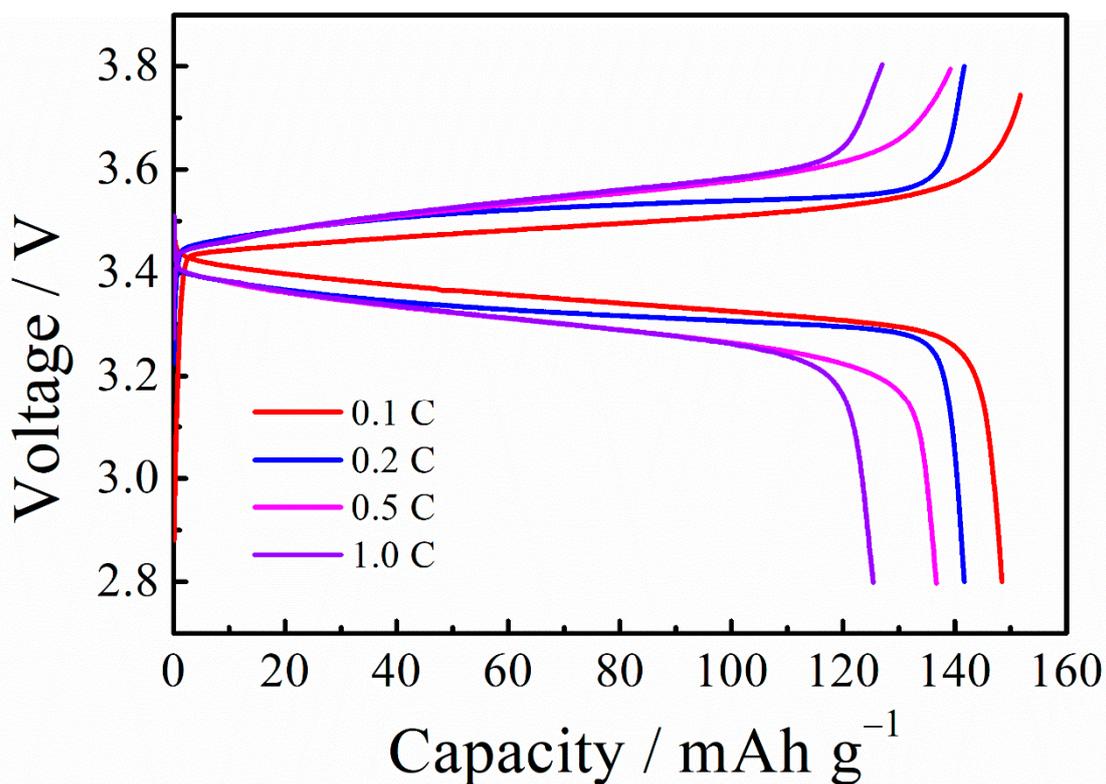
## **An In Situ Prepared Comb-Like Polycaprolactone-based Gel Electrolyte for High-Performance Lithium Metal Batteries**

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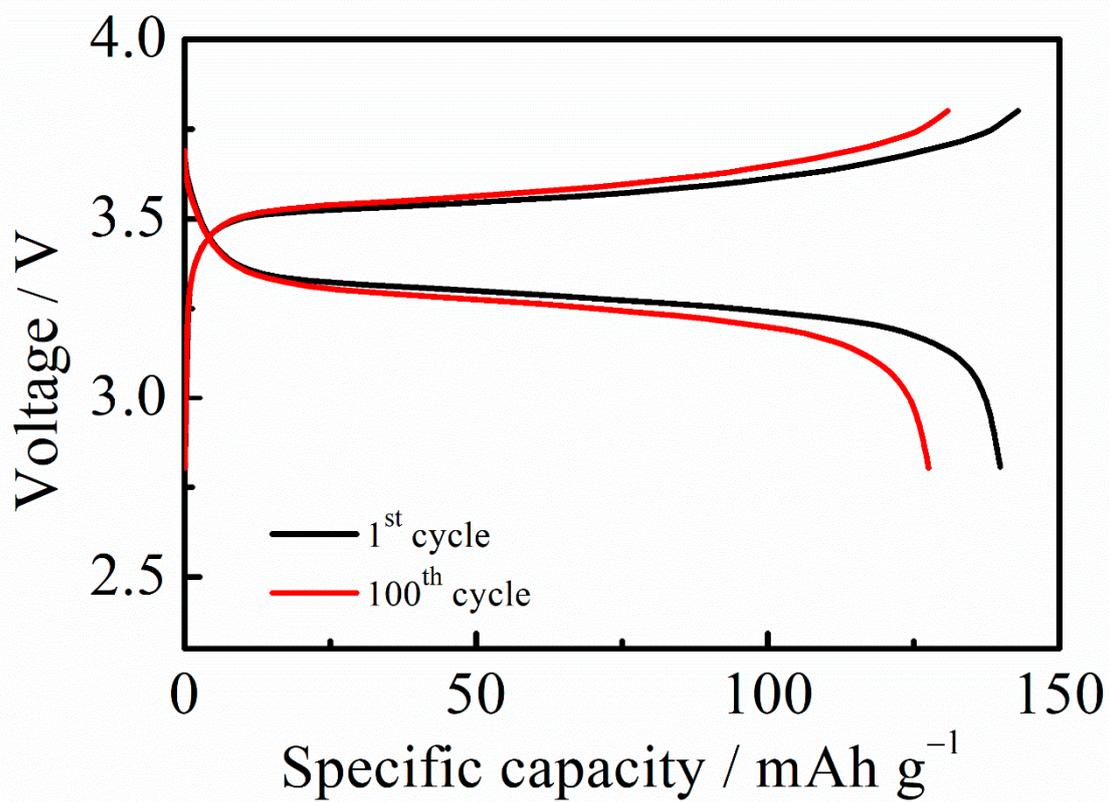
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**Figure S1.** The charge/discharge profiles of the solid-state battery at various C-rates.



**Figure S2.** The charge/discharge profiles of the solid-state battery at 0.5C at 1<sup>st</sup> and 100<sup>th</sup> cycles.