

Supplementary Materials for

Cathode-supported solid polymer electrolyte with solvate ionic liquid and polysulfide modification towards rechargeable lithium metal batteries

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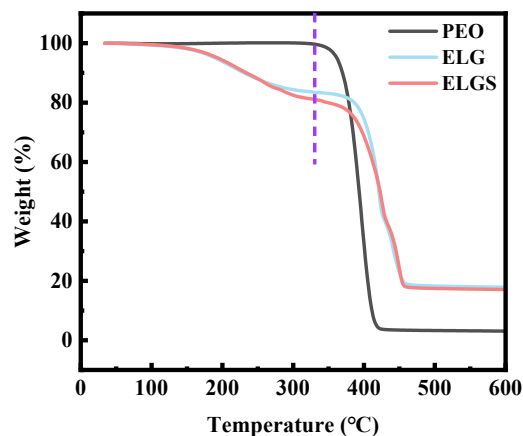


Fig.S1 TGA results of the PEO and as-prepared SPEs for identifying the residual solvents

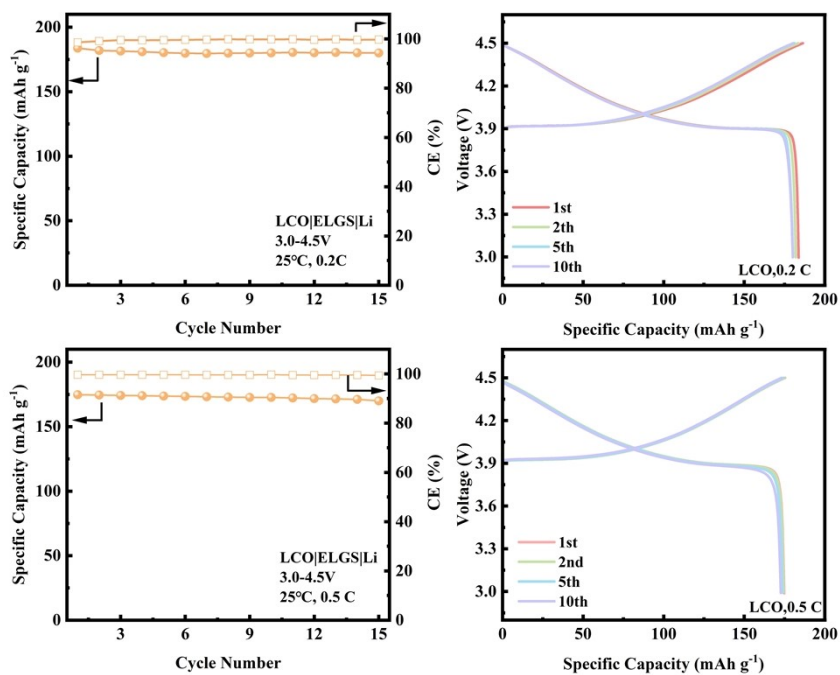


Fig.S2 Cycle performance and corresponding charge/discharge profiles of the LCO|ELGS-1|Li cell

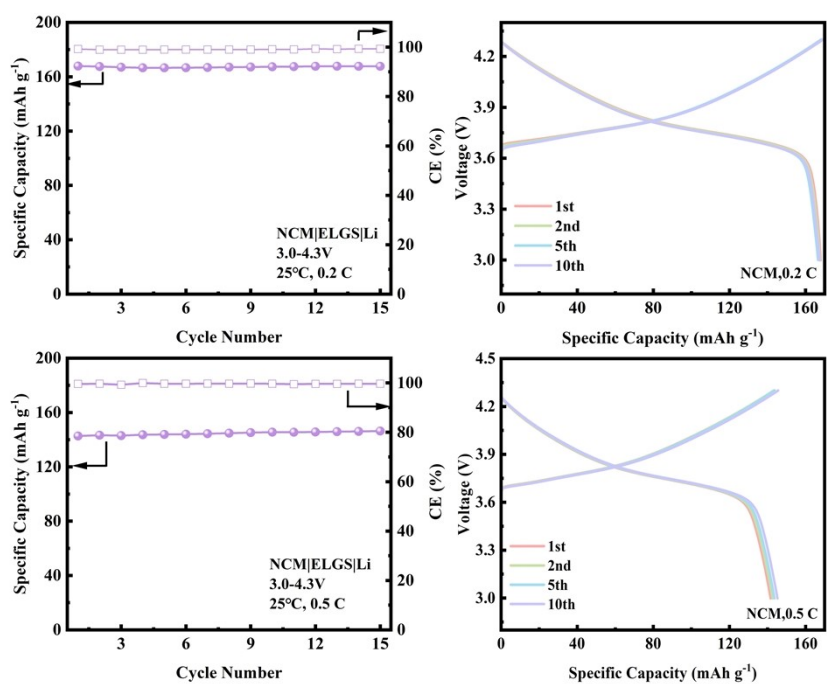


Fig.S3 Cycle performance and corresponding charge/discharge profiles of the NCM|ELGS-1|Li cell