

Description of Additional Supplementary Files

Supplementary Data 1

Description: Initial configuration of 1 M KFSI TMP, 1 M KFSI TMP/TFTS, and 1M KFSI TMP/TTE electrolyte

Supplementary Data 2

Description: Optimized atomic coordinates for TMP-TFTS

Supplementary Data 3

Description: Optimized atomic coordinates for TMP- FSI⁻

Supplementary Data 4

Description: Optimized atomic coordinates for TFTS- FSI⁻