

Supplementary Information for:

Physicochemical and Electrochemical Properties of 1, 1, 2, 2-Tetrafluoroethyl-2, 2, 3, 3-Tetrafluoropropyl Ether as a Co-Solvent for High-Voltage Lithium-Ion Electrolytes

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1. Figure S1

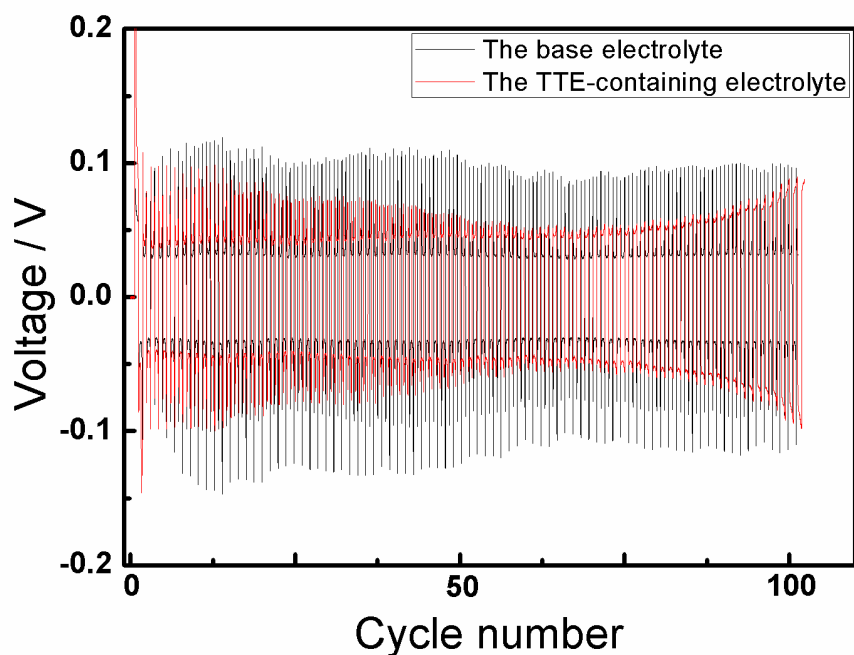


Figure S1. Cycling performance of the symmetric Li | Li cells with the base electrolyte and the TTE-containing electrolyte solution at a current density of 0.5 mA cm^{-2} .

2. Table S1

Table S1. The comparison of discharge capacity of the Li/LiNi_{0.5}Mn_{1.5}O₄ half-cells assembled with the base electrolyte and the TTE-containing electrolyte at different rate.

C-rate	Discharge capacity / mAh g ⁻¹	
	The base electrolyte	The TTE-containing electrolyte
0.1C	145.7	148.4
0.2C	140.6	147.5
0.5C	131.5	140.7
1C	130.1	138.6
2C	123.8	136.6