Syria lithium-iron-phosphate batteries lfp

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The Electrochemical Society (ECS) was founded in 1902 to advance the theory and practice at the forefront of electrochemical and solid state science and technology, and allied subjects.

The electrolyte used was a solvent blend of ethylene carbonate (EC): dimethyl carbonate (DMC) 3:7, 2 wt% vinylene carbonate (VC), 1.5 M LiFSI or LiPF6. Throughout this work the electrolyte salt choice of LiPF6 or LiFSI is specified in figure legends.

The formation condition in this study was at 40 ?C, with an initial charge to 1.5 V, then a 24 h voltage hold at 1.5 V for electrolyte wetting, followed by a C/20 constant current (12 mA) charge to 3.65 V, and discharge to 2.5 V.