Supplementary Information

An Electronically Conductive 3D Architecture with Controlled Porosity for LiFePO4 Cathodes

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**A black background with red lines

Description automatically generated**

**Supplementary Figure 1.** XRD pattern of the CF-LFP cathode with 7:2:1 wt.% of LFP:CB:PVDF, indexed to LFP (PDF#81-1173). No peak shifts observed confirms that no reaction occurs with LFP and CF architecture after electrode fabrication.

A collage of different colored squares

Description automatically generated

**Supplementary Figure 2.** EDS elemental mapping (C, O, F, P, Fe) of the CF-LFP and slurry cast cathodes. EDS elemental mapping shows no Fe deposited on the Li-metal anode for both (top) CF-LFP and (bottom) slurry cast half-cells.

**A close-up of a piece of concrete

Description automatically generated**

**Supplementary Figure 3.** XRCT scans of the cycled slurry cast LFP cathode. The a) 3D reconstructed image and b,c) two representative slices within the bulk shows major cracking within the thick slurry cast electrode.

**A close-up of a rock

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**Supplementary Figure 4.** XRCT scan of the cycled CF-LFP cathode. No major cracking is observed and looks similar to the pristine CF-LFP cathode from Figure 4 in the main text.

**A diagram of a circuit

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**Supplementary Figure 5.** Equivalent circuit of the transmission line model. In the CF-LFP cathode, is the bulk resistance of the electrolyte, is the resistance of ion mobility in the pores, and is the charge transfer resistance.

![A graph on a black background

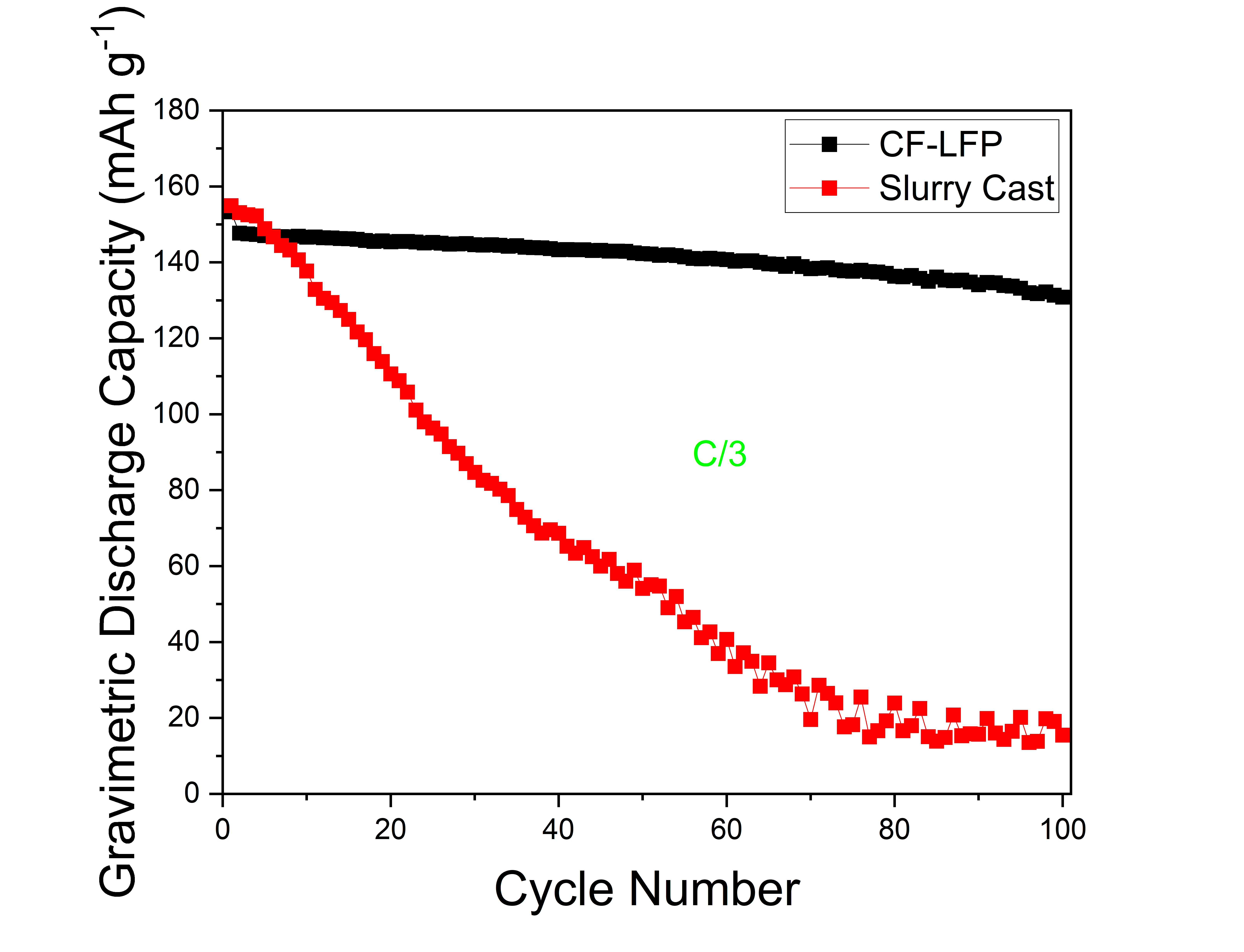
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**Supplementary Figure 6.** Gravimetric capacity rate capability performance of the CF-LFP and slurry cast cathodes in a half cell configuration.

**![A red line on a black background

Description automatically generated](data:image/png;base64,iVBORw0KGgoAAAANSUhEUgAAEMAAAAzSCAYAAAB1lGEoAAAAAXNSR0IArs4c6QAAAARnQU1BAACxjwv8YQUAAAAJcEhZcwAAPYQAAD2EAdWsr3QAAP+lSURBVHhe7NyNauNIGobRQBWmqEL3f7m1Uf/sdMpfYsm2LCk5Bx7c2zszsSvGIJDfNwAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAnq2/IAAAAAAAAAAAAAAAAAAAAAB+qGiM4mgBAAAAAAAAAAAAAAAAAAAA8I1EAxNnCwAAAAAAAAAAAAAAAAAAAIATiQYkvlsAAAAAAAAAAAAAAAAAAAAAHEg0EPHTAgAAAAAAAAAAAAAAAAAAAODFohEI/Q4AAAAAAAAAAAAAAAAAAACAjURjD/o6AAAAAAAAAAAAAAAAAAAAAJ4gGnbQugAAAAAAAAAAAAAAAAAAAAC4QzTkoMcDAAAAAAAAAAAAAAAAAAAA4AvRYIO2CQAAAAAAAAAAAAAAAAAAAIB/RAMNek0AAAAAAAAAAAAAAAAAAAAAP1o0yKB9AgAAAAAAAAAAAAAAAAAAAPhRogEGHSMAAAAAAAAAAAAAAAAAAACAby0aXNAxAwAAAAAAAAAAAAAAAAAAAPhWooEFnSMAAAAAAAAAAAAAAAAAAACAU4sGFY7Yq0XP4egBAAAAAAAAAAAAAAAAAAAAnEo0oHCEziR6/kcIAAAAAAAAAAAAAAAAAAAA4NCiwYQ9+o6i17lnAAAAAAAAAAAAAAAAAAA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OuHhdzdj1t+n3AAAAAAAAAAAAAAAAAAAAALDebejHNhhw8aaabhwGARgAAAAAAAAAAAAAAAAAAAAAJLp17XO4RUS1nfALAAAAAAAAAAAAAAAAAAAAADLo23DAxetqx34QgAEAAAAAAAAAAAAAAAAAAABAotvQj20w4OJNtf30KwAAAAAAAAAAAAAAAAAAAACkGT6a53CLt9WMXX+bfg8AAAAAAAAAAAAAAAAAAAAA692GYeyaUMDFm2q6cRgEYAAAAAAAAAAAAAAAAAAAAACQ6NZ3YxMKuHhTzccw/QoAAAAAAAAAAAAAAAAAAAAAafo2HHDxutqxH27T7wEAAAAAAAAAAAAAAAAAAABgvVvfjU0w4OJNtf30KwAAAAAAAAAAAAAAAAAAAACk6dtAuMXbasauv02/BwAAAAAAAAAAAAAAAAAAAID1bl07C7aIrKYbh0EABgAAAAAAAAAAAAAAAAAAAAAJbkM/tqFwi4hqO+EXAAAAAAAAAAAAAAAAAAAAACS49evDL/7XdOMwCMAAAAAAAAAAAAAAAAAAAAAAYKWh68YmFGwRWc3HMP0KAAAAAAAAAAAAAAAAAAAAAMvc+n7s2uYp0GJZtWM/3KbfAwAAAAAAAAAAAAAAAAAAAHBFt679CqJomrFtu7Hr+nHoh3s9h1LcPv+8H/uPdmybeZDFumo+hulXAAAAAAAAAAAAAAAAAAAAAK7q1ndjEwim2KSabhyG56ANAAAAAAAAAAAAAAAAAAAAAC5kzwCMthN+AQAAAAAAAAAAAAAAAAAAAHB5t6Ef20A4RfFq++lXAAAAAAAAAAAAAAAAAAAAAK7uNgxj1wQCKopWM3b9bfo9AAAAAAAAAAAAAAAAAAAAAPzvf30bCqkoV20n/AIAAAAAAAAAAAAAAAAAAACAHzYNwGj76VcAAAAAAAAAAAAAAAAAAAAA+M/w0TwHVZSophuH4Tb9HgAAAAAAAAAAAAAAAAAAAAD+c+va57CK7NWOvfALAAAAAAAAAAAAAAAAAAAAAEKKB2A0wi8AAAAAAAAAAAAAAAAAAAAAeOHWd2MTCq7IUU03DsIvAAAAAAAAAAAAAAAAAAAAAHjlNvRjGwqvSKzmoxd+AQAAAAAAAAAAAAAAAAAAAMB7t2EYuyYcYrGmmqYd+17wBQAAAAAAAAAAAAAAAAAAAAALDF03dm3zFGaxpJq2E3wBAAAAAAAAAAAAAAAAAAAAQLpbP4x9141t24xNc69Q2MX05007th/92N///v3PAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAD4f3twQAMAAIAw6P1T28MBAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMCdGl1zRDVjJZMnAAAAAElFTkSuQmCC)**

**Supplementary Figure 7.** Areal capacitycycling performance of the CF-LFP and slurry cast cathodes in a half cell configuration for 100 cycles at a current density of C/3.



**Supplementary Figure 8.** Gravimetric capacity cycling performance of the CF-LFP and slurry cast cathodes in a half cell configuration.

TABLE I. Thick Electrode State of Art

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Cathode | Anode | Architecture | Mass Loading (mg cm-2) | Thickness (μm) | C-rate | Areal Discharge Capacity at Corresponding C-rate (mAh cm-2) |
| LiFePO4 | Graphite | Slurry Cast | 13 | 100 | C/2 | 11 |
| LiFePO4 | Graphite | Laser Ablation | 12 | 85 | C/2 | 11 |
| NCM111 | Li-metal | Slurry Cast | 24 | 132 | 1C | 3.52 |
| LiFePO4 | Graphite | Slurry Cast | 16 | 136 | 1C | 2.42 |
| LiFePO4 | Li-metal | Carbonized Wood | 60 | 800 | 2/3C | 1.73 |
| LiFePO4 | Li-metal | Aligned CF | 128 | 1000 | 1C | 0.14 |
| NCM622 | Graphite | Slurry Cast | 19 | 97 | C/3 | 35 |
| LiFePO4 | Li-metal | Aligned CF-PCC (this work) | 22 | 500 | C/3 | 3.0 |
| LiFePO4 | Li-metal | Aligned CF-PCC (this work) | 22 | 500 | 1C | 2.6 |

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