Supporting Information

Bipolar fluorinated covalent triazine frameworks cathode with high lithium storage and long cycling capability

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Fig. S2. (a) SEM image and (b) TEM image of FCTF.



Fig. S3. (a) SEM image and (b) TEM image of CTF.



Temperature (°C) Fig. S4. TGA curve of the FCTF and CTF at a heating rate of 8 °C/min under nitrogen atmosphere.



Fig. S5. AA stacking and AB stacking patterns of CTF.



Fig. S6. Top and side views of the AA-stacked bilayer CTF.





Fig. S8. The top and side views of the charge density plot of the (c) CBM and (d) VBM states of the bilayer CTF.

