## **Electronic supplementary information**

## Direct Conversion of CO<sub>2</sub> to Meso/Macro-Porous Frameworks of Surface-Microporous Graphene for Efficient Asymmetrical Supercapacitors

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Figure S1 TEM images of MFSMG



Figure S2 The correlated potential window of AC electrode and MFSMG electrode in three-electrode system.



Figure S3 SEM images of MFSMG