

Electronic Supplementary Information

High-performance supercapacitor of vertically-oriented few-layer graphene with high-density defects

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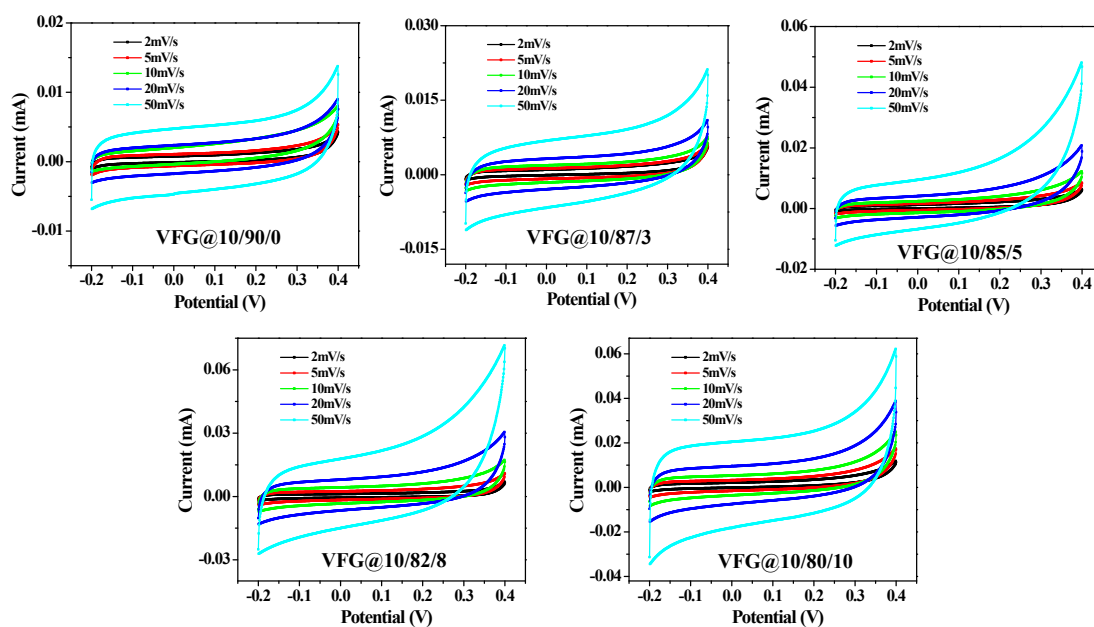


Fig. S1 the CV curves of the VFG@10/90/0, VFG@10/87/3, VFG@10/85/5,
VFG@10/82/8 and VFG@10/80/10, respectively.

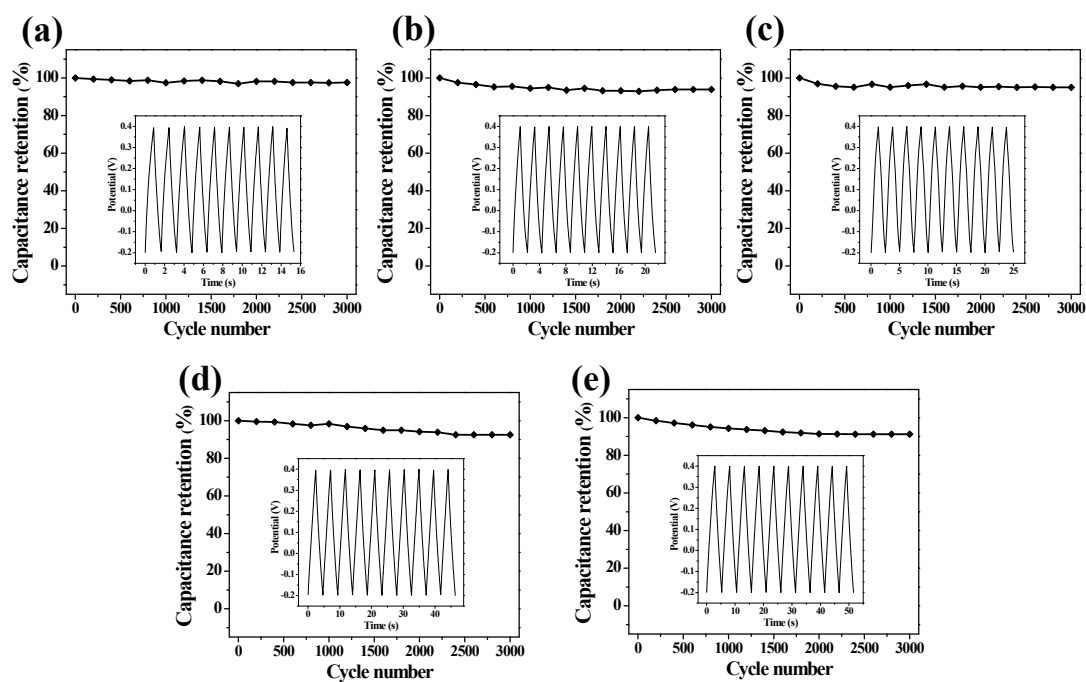


Fig. S2 Cyclic stability obtained by performing charge-discharge of the VFG supercapacitors (a.VFG@10/90/0, b.VFG@10/87/3, c.VFG@10/85/5, d.VFG@10/82/8 and e.VFG@10/80/10, respectively.) at $0.1\text{mA}/\text{cm}^2$ over 3000 cycles. It is apparent that the materials retain good stability over large number of charging-discharging cycles, in which the inset is the galvanostatic charge-discharge curve of the VFG supercapacitor.