

Electronic Supplementary Information

Two-Dimensional Ultrathin ZnCo_2O_4 Nanosheets: General Formation and Lithium Storage Application

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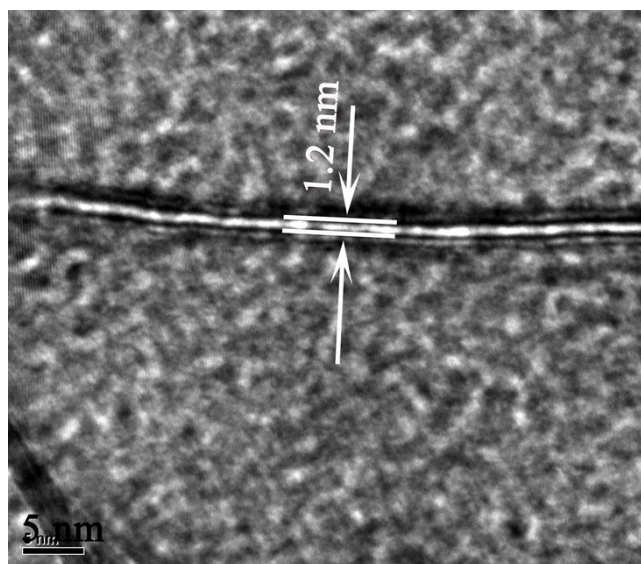


Fig. S1. A vertical HRTEM image of the ZnCo_2O_4 nanosheets suggesting a thickness of about 1.2 nm.

Table S1. Comparison of the reported BET results for ZnCo_2O_4 nanomaterials

Nanostructure	Specific surface area ($\text{m}^2 \text{g}^{-1}$)	Pore volume ($\text{cm}^3 \text{g}^{-1}$)	Ref.
Nanowires	154.7951	0.42	25
Microspheres	26.8	0.12	16
Nanotubes	21.9	0.146	18
Hollow microspheres	20.9	-- --	52
Nanowires	68.86	-- --	17
Twin-microspheres	7.33	0.0449	47
Nanoflakes	110.3	-- --	35
Hollow powders	10	-- --	19
Nanosheets	181.78	0.49	This work

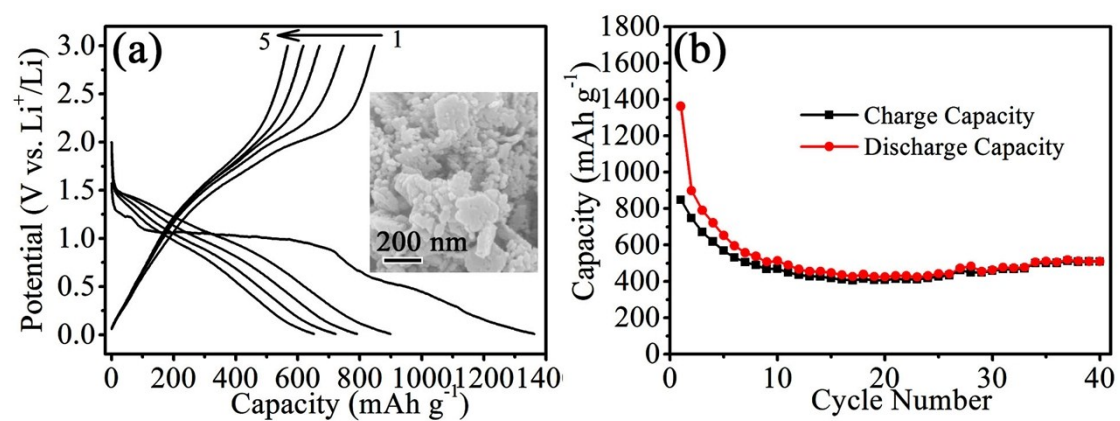


Fig. S2. (a) The first five discharge–charge voltage profiles and (b) cycling performance of ZnCo₂O₄ nanoparticles at a constant current density of 200 mA g⁻¹ between 0.01 and 3.0 V.