

Electronic Supplementary Information

High energy storage density and ultrafast discharge in lead lutetium niobate based ceramics

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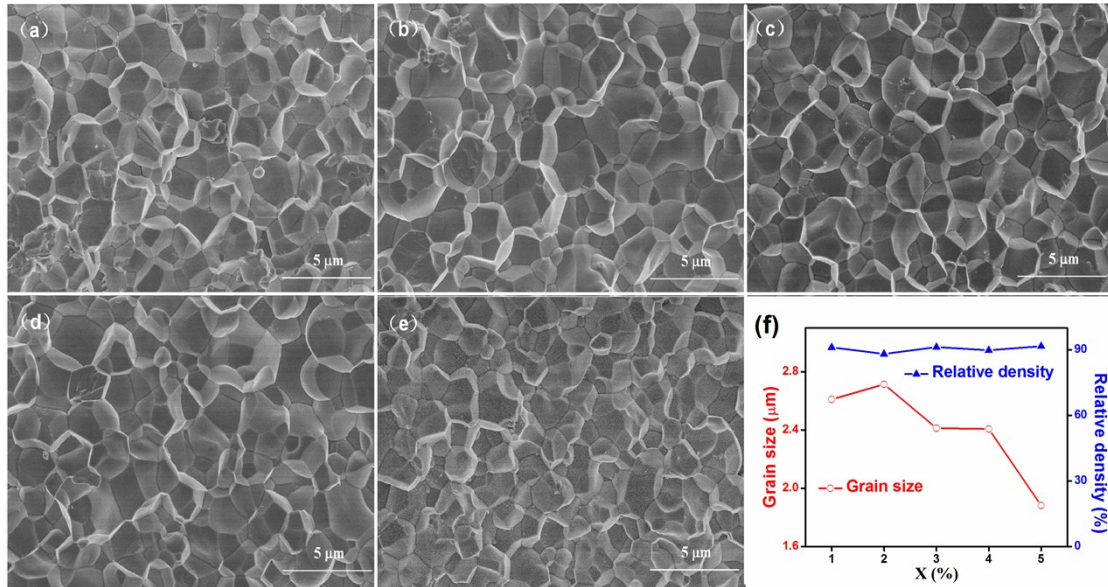


Fig. S1 (a)-(e) SEM micrographs and (f) the variations of grain size and relative density of PLNMW100x ceramics ($0.01 \leq x \leq 0.05$).

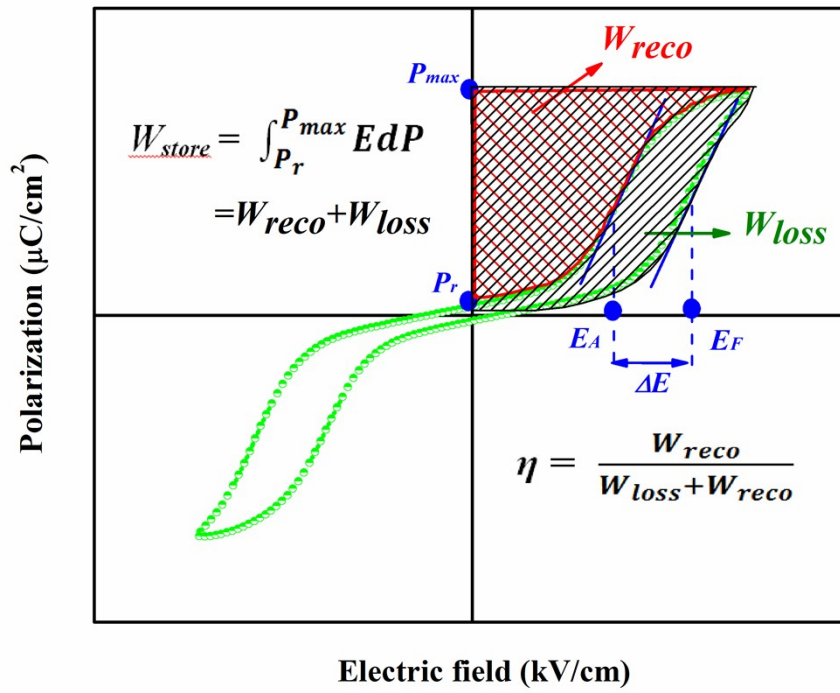


Fig. S2 Schematic diagram for the calculation of energy storage properties of AFE materials.

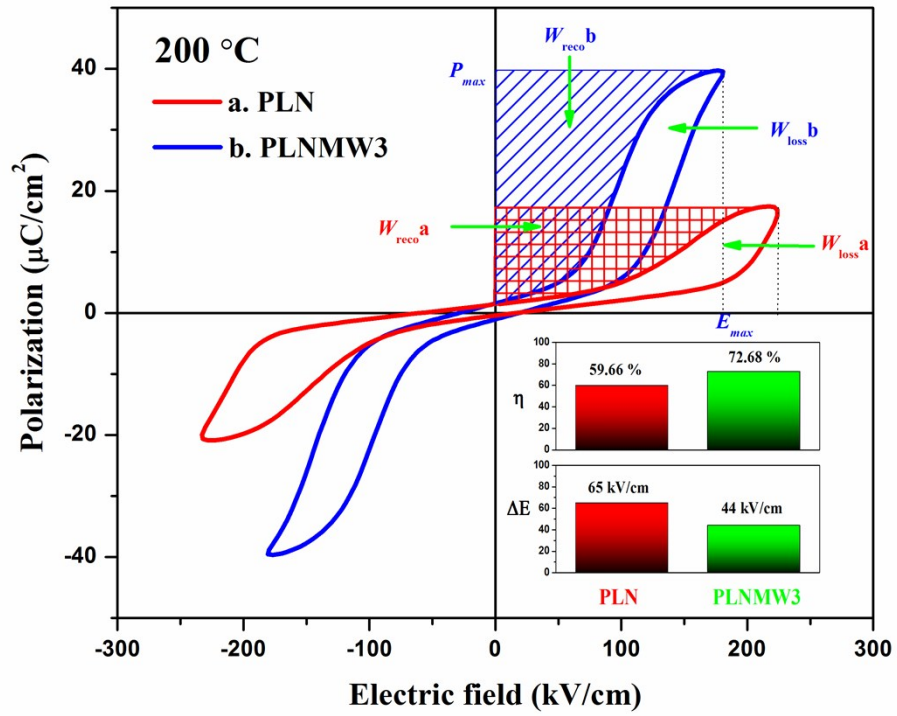


Fig. S3 Schematic illustrations of energy-storage characteristics for PLN and PLNMW3 ceramics at 200 °C.