

Table S1. Cyclic discharging and charging test (discharge capacity) of CR2032 coin cell assembled with ionogels electrolyte.

Sample code	Cycle 2	Cycle 5	Cycle 10
	(mAh/g)	(mAh/g)	(mAh/g)
SIEM2	108.7	77.1	43.5
SIEM4	95.6	65.0	32.5
SIEM6	76.5	54.5	25.2