






## Power Cell Series

### Product Features

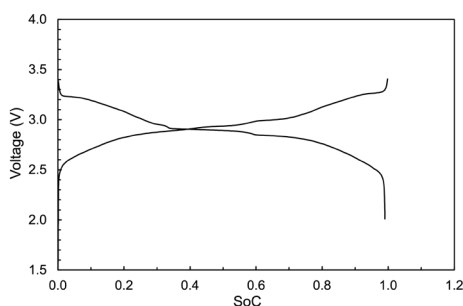
UNIGRID's advanced sodium-ion batteries do not undergo thermal runaway and utilize abundant sodium-based materials; they are lithium-, nickel-, cobalt-, and copper-free. UNIGRID's Power Cell Series are designed for fast charge, high power, and long cycle life.

### Example Applications

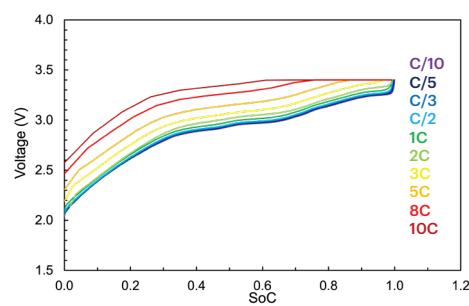
- Stationary ESS (Residential, Commercial, Utility)
- UPS power backup
- Vehicle Starters
- Light EVs
- Industrial EVs (Forklift, Bus)

Unigrid Cells			
	18650	32140	72173207
Capacity	1.1 Ah	9 Ah	200 Ah
Nominal Voltage	2.9 V		
Voltage Window	2.0-3.4 V		
Maximum Charge/Discharge	4C/12C	4C/12C	2C/2C
Temperature Range (Charge)	-20 to 60°C		
Temperature Range (Discharge)	-40 to 60°C		
Cycle Life (80% Retention)	3000		
Approximate Weight (kg)	0.035	0.25	5
Dimensions (mm)	18 x 65 (DxL)	32 x 140 (DxL)	72 x 173 x 207 (LxWxH)
Safety Certifications	 		

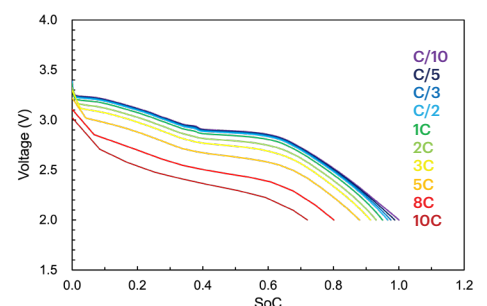
Voltage Curve



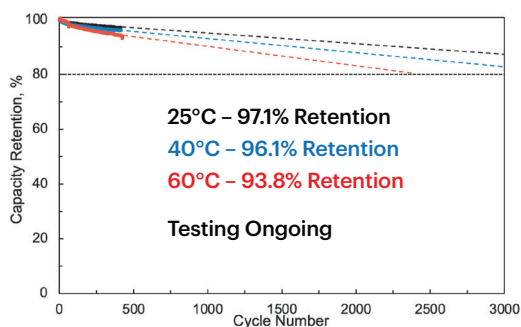
Charge Rate Performance



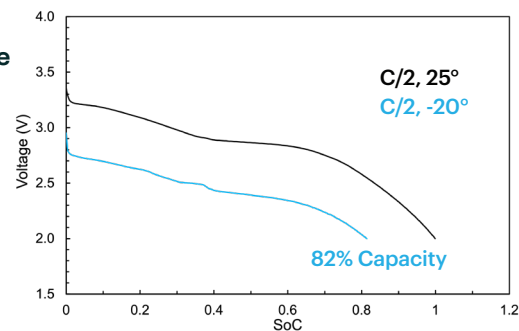
Discharge Rate Performance



## Cycle Life 25°C, 40°C, 60°C

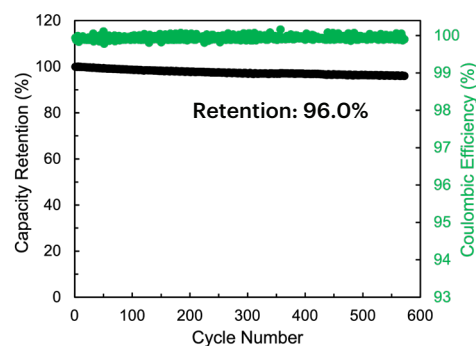
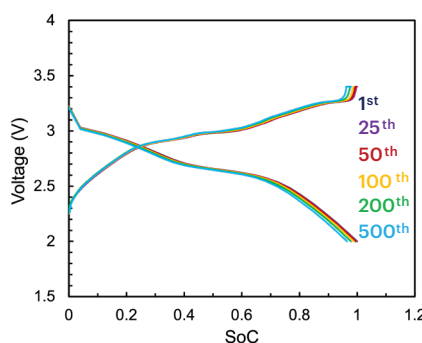


## Low Temp. Performance



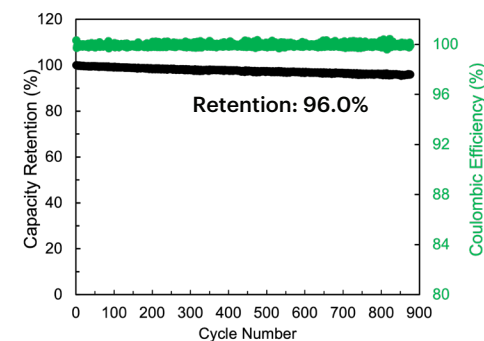
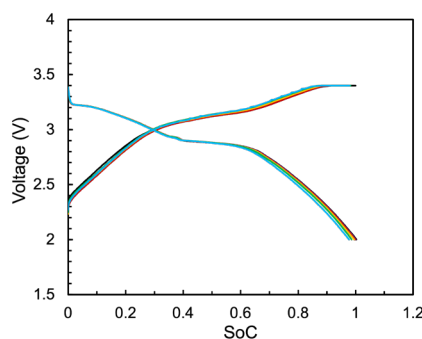
## Cycle Life C/4 Charge, 4C Fast Discharge

- Long-Term Cycling
- 15 min. Fast Discharge
- Long Life
- High Power
- High Performance



## Cycle Life 4C Fast Charge, C/3 Discharge

- Long-Term Cycling
- 15 min. Fast Charge
- Long Life
- High Performance



## Safety Testing ARC

- No thermal runaway >400°C
- No risk of fire

