BATTERY SHOW 2023

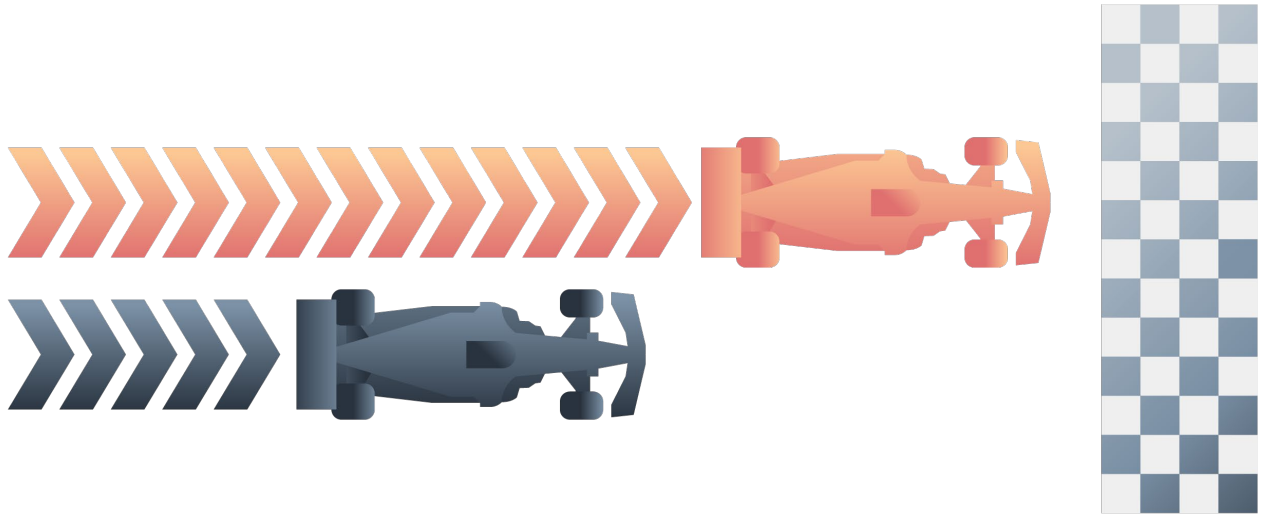
TEN
NINE
TECH

More Energy at High Rates

2.5x energy available at 10C discharge rates with TENIX™ than NMC811 alone after a C/3 charge

BATTERY SHOW 2023

2.5x more energy means more laps between charging



Format: Avg 50 mAh single-layer pouch cell with graphite anode; **Electrode Formulation**: 90% total active material/5% PVDF/5% conductive carbon (**TENIX™** cathode has 6% **TENIX™** /94% NMC811 blended active material); **Loading**: 5.6 – 7.4 mg/cm^2 electrode; **Electrolyte**: LiPF6 carbonate blend**; Test Temperature**: 25°C; **Test Protocol**: C/3 CCCV charge followed by a 10C discharge

Overcome Range Anxiety with TENIX™

Reduced resistance at low states of charge yields up to 25% more energy available with TENIX™ when you need it most.

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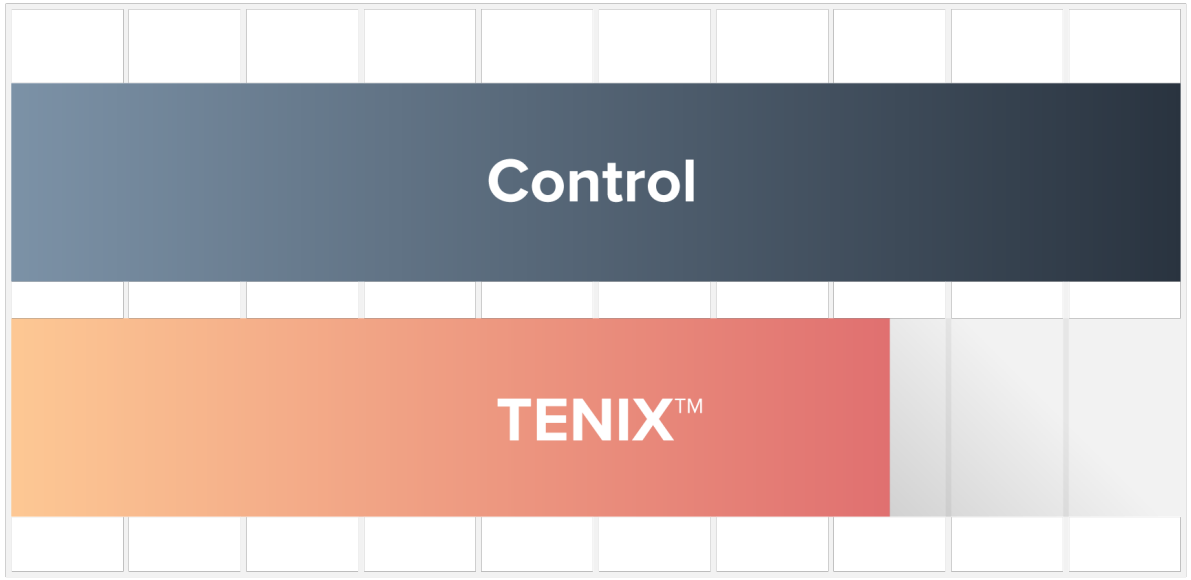
25% Reduction in Internal Resistance With TENIX™



Format: 40 mAh single-layer pouch cell with Li metal anode; **Electrode Formulation**: 90% total active material/5% PVDF/5% conductive carbon (**TENIX™** cathode has 10% **TENIX™** /90% NMC811 blended active material); **Loading**: 10.7 – 12.2 mg/cm^2 electrode; **Electrolyte**: LiPF6 carbonate blend**; Test Temperature**: 25°C; **Calculation Details**: Resistance calculated at 100 ms during a 5C discharge pulse**; State-of-Charge**: 20%

More Energy with Each Charge & Discharge

TENIX™ reduces polarization, thereby increasing the usable voltage range with each cycle for high-performance applications (as demonstrated by 5C cycling).

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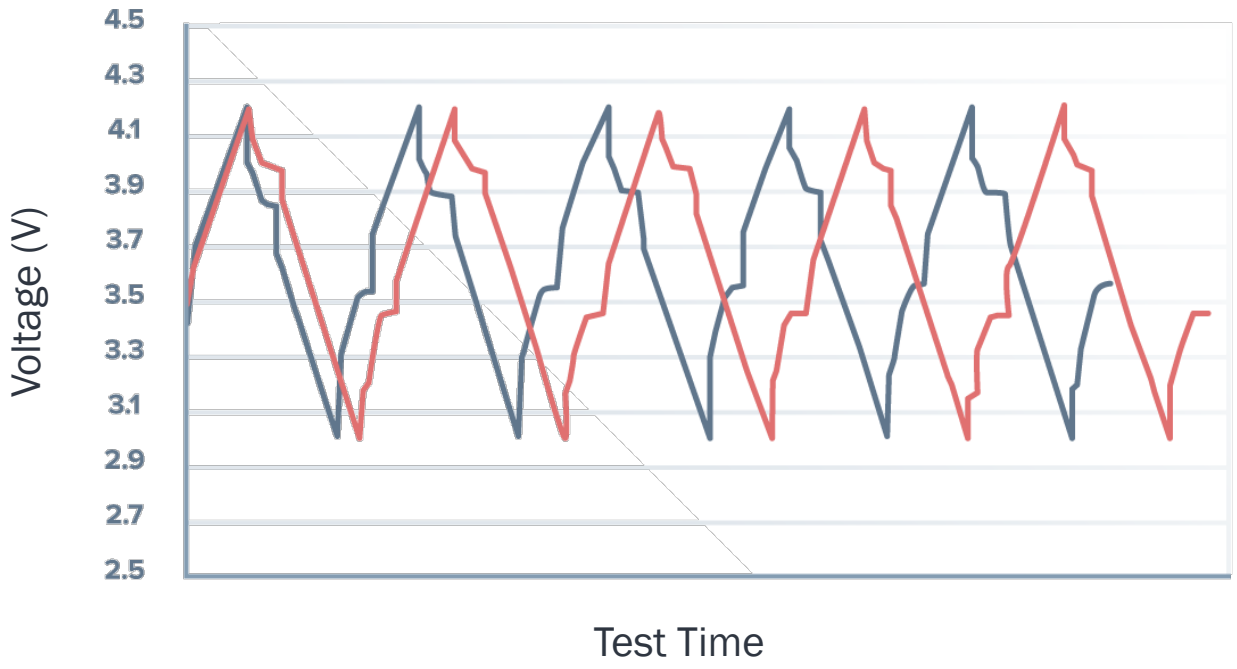
Power On Demand with TENIX™



Format: Avg 50 mAh single-layer pouch cell with graphite anode; **Electrode Formulation**: 90% total active material/5% PVDF/5% conductive carbon (**TENIX™** cathode has 6% **TENIX™** /94% NMC811 blended active material); **Loading**: 5.6 – 7.4 mg/cm2 electrode; **Electrolyte**: LiPF6 carbonate blend; Test Temperature: 25°C; **Test Protocol**: 5C charge and discharge rates with 10 min rest between steps

Longer-lasting batteries with TENIX™

2% increase in discharge energy retention seen after 100 cycles of C/3 cycling in cells with TENIX™

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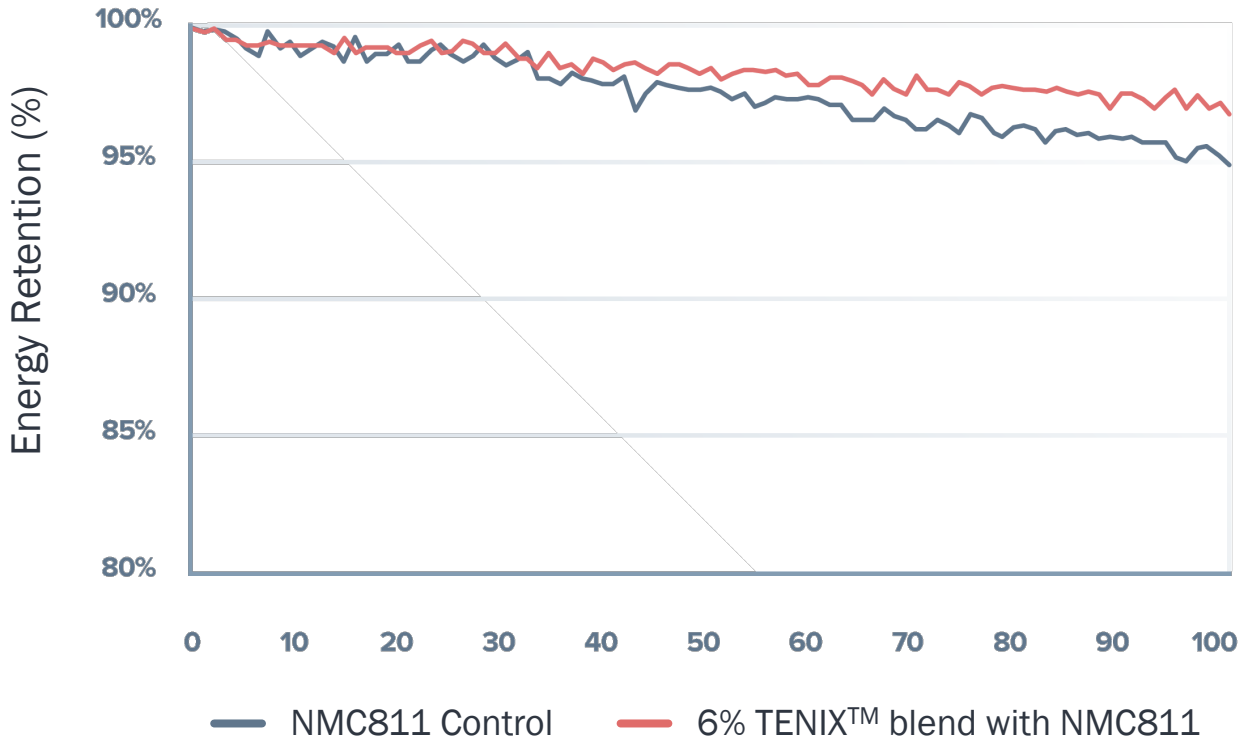
TENIX™ Retains and Improves Range



Format: Avg 50 mAh single-layer pouch with graphite anode; **Electrode Formulation:** 90% total active material/5% PVDF/5% conductive carbon (**TENIX™** cathode has 6% **TENIX™** /94% NMC811 blended active material); **Loading:** 5.6 – 7.4 mg/cm2 electrode; **Electrolyte:** LiPF6 carbonate blend; **Test Temperature:** 25°C; **Test Protocol:** C/3 symmetric cycling