

Key Features & Benefits:

- ✓ High usable energy to 100% SOC
- ✓ High capacity SiO_x anode paired with 811 NCM cathode
- ✓ Exceptional power and high rate capability
- ✓ Low cost

Applications:

- ✓ Electric vehicles (EVs and PHEVs)
- ✓ Unmanned aerial vehicles (UAVs)

Cell Characteristics at 30°C	Units	Value
Cell Capacity @ C/3 Rate	Ah	50*
Specific Energy @ C/3 Rate	Wh/kg	335
Energy Density @ C/3 Rate (Active Area)	Wh/L	800
Specific Discharge Power, 30 s Pulse @80% DoD	W/kg	>1000
Specific Regen Power, 10 s Pulse @20% DoD	W/kg	>2000
Cycle Life (100% DoD at 1C-1C rate)	Cycles	>1000
Fast High-Rate Charge	Minutes	80% in 10 min
Maximum Self-Discharge	%/month	< 1
Operating Temperature	°C	-30 to +52
Average Voltage	V	3.45
Voltage Range	V	4.2 to 2.5

