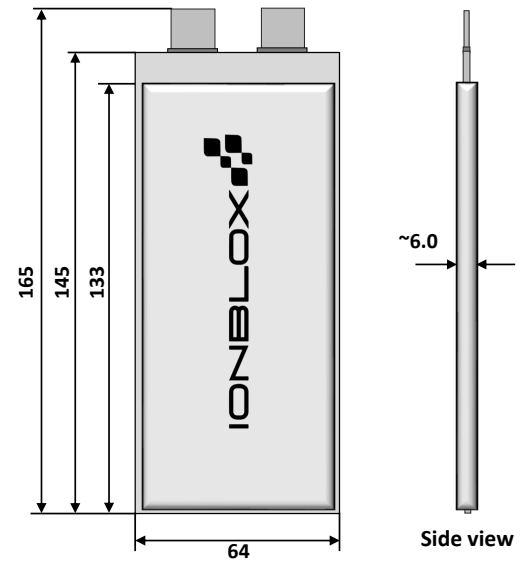


Key Features & Benefits:

- ✓ High 340Wh/Kg usable specific energy
- ✓ High power > 3000 W/Kg
- ✓ Excellent cycle life >700
- ✓ Proprietary pre-lithiated SiO_x anode
- ✓ Low cost

Applications:

- ✓ Unmanned aerial vehicles (UAVs)
- ✓ Electric aviation: eVTOL, Drones & HAPS



Dimensions in mm (not to scale)

Cell characteristics at 30°C	Units	Value
Cell capacity at C/3 rate	Ah	12
Specific energy at C/3 rate	Wh/kg	340
Energy density at C/3 rate (no terrace)	Wh/L	850
Specific discharge power at 50% SOC from a 12C, 30s pulse	W/Kg	3800
Cycle life (100% DOD, 1C-1C rate)	Cycles	> 700
Operating temperature	°C	-20 to 55
Impedance at 1kHz	mΩ	2
Nominal voltage	V	3.45
Cell weight	g	121
Cell dimensions (h x w x t)	mm	145 x 64 x 6.0
Voltage range	V	2.5 to 4.2
Cell chemistry: 811 NCM cathode & >90% active SiO _x anode		

