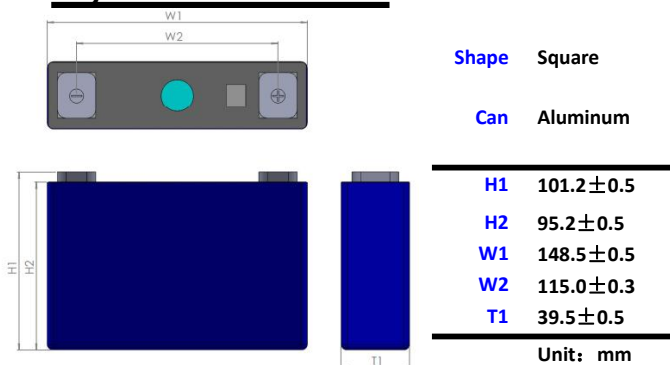


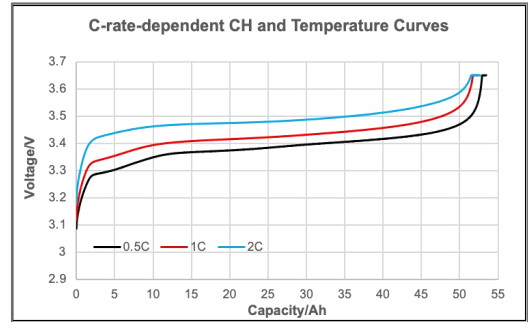
Cell Characteristics

Material	LiFePO ₄ / AG,	
Capacity	Nominal	50 Ah
		160 Wh
Energy	Typical	51 Ah
		163.2 Wh
Cell Voltage	Nominal	3.2 V
	Charge	3.65 V
	Discharge	2.5 V
		2.0 V (≤0°C)
Charge Current	Standard	50 A
	Maximum	100 A (2.0C)
Charge Time	Standard	1 hour
Discharge Current	Standard	50 A
	Maximum	150 A (3.0C)
Temperature	Charge	0°C to 55°C
	Discharge	-20°C to 60°C
Energy Density	Volumetric	292 Wh/L
	Gravimetric	140 Wh/kg
Typical Impedance	AC (1000HZ)	≤0.8 mΩ
	DC (50%SOC)	1.5 mΩ
Cycle Life	0.5C/0.5C, 100%DOD @25°C ≥4000, 80%EOL	
Weight	1.15±0.1 Kg	
Safety Standard	UL 、 UN 、 IEC 、 GB/T	

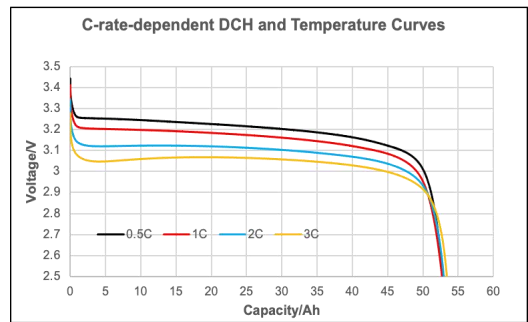
Physical Characteristics



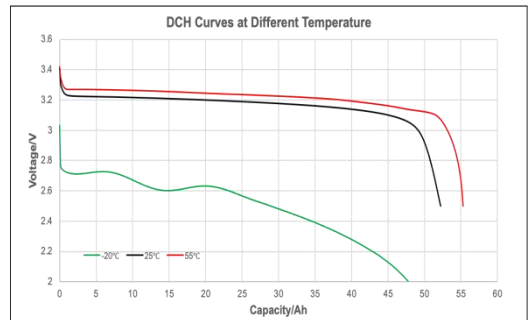
Charge Rate Characteristics



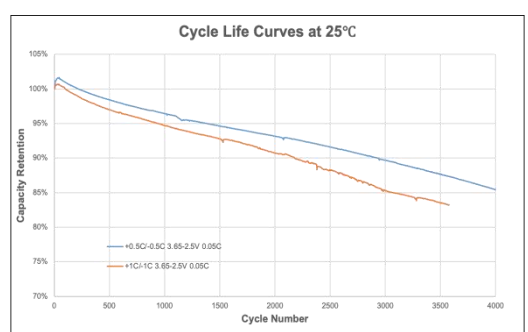
Discharge Rate Characteristics



Discharge at Different Temperature



Cycle Characteristics



*The information contained herein is for reference only. For more information please contact BAK sales.

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