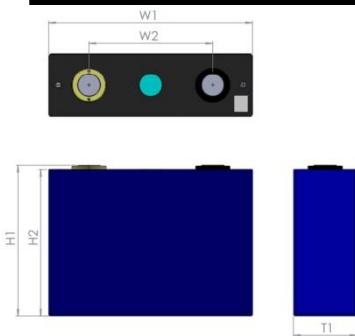


**Cell Characteristics**

<b>Material</b>	LiFePO <sub>4</sub> / AG,	
<b>Capacity</b>	Nominal	100 Ah 320 Wh
<b>Energy</b>	Typical	102 Ah 326.4 Wh
<b>Cell Voltage</b>	Nominal	3.2 V
	Charge	3.65 V
	Discharge	2.5 V 2.0 V (≤0°C)
<b>Charge Current</b>	Standard	50 A
	Maximum	150 A (1.5C)
<b>Charge Time</b>	Standard	2 hour
<b>Discharge Current</b>	Standard	50 A
	Maximum	200 A (2.0C)
<b>Temperature</b>	Charge	0°C to 55°C
	Discharge	-20°C to 60°C
<b>Energy Density</b>	Volumetric	326 Wh/L
	Gravimetric	160 Wh/kg
<b>Typical Impedance</b>	AC (1000HZ)	≤0.6 mΩ
	DC (50%SOC)	1.0 mΩ
<b>Cycle Life</b>	0.5C/0.5C, 100%DOD @25°C ≥4000, 80%EOL	
<b>Weight</b>	2.0±0.1 Kg	
<b>Safety Standard</b>	UL 、 UN 、 IEC 、 GB/T	

**Physical Characteristics**



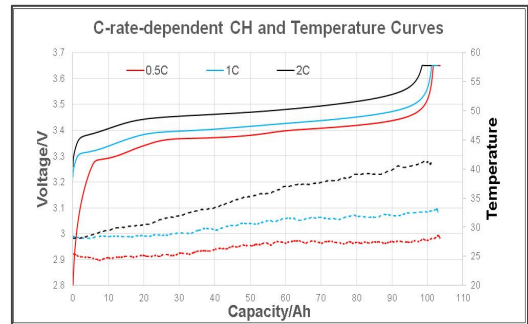
**Shape** Square

**Can** Aluminum

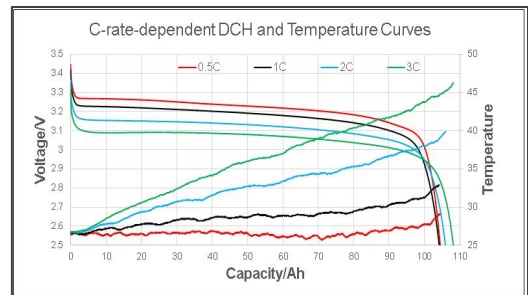
- H1** 118.5±0.5
- H2** 115.2±0.5
- W1** 160.0±0.5
- W2** 97.0±0.3
- T1** 50.0±0.5

Unit: mm

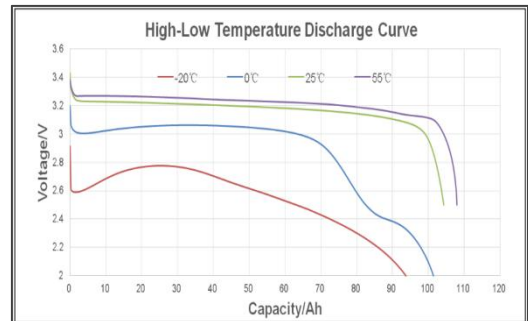
**Charge Rate Characteristics**



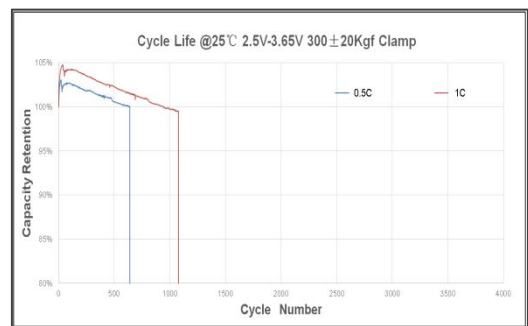
**Discharge Rate Characteristics**



**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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