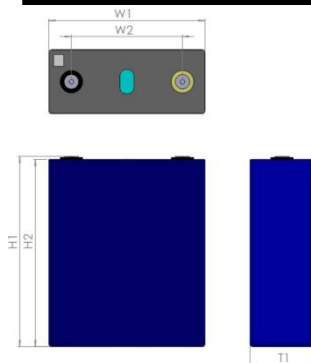


Cell Characteristics

Material	LiFePO ₄ / AG,	
Capacity	Nominal	280 Ah 896 Wh
	Typical	283 Ah 905.6 Wh
Cell Voltage	Nominal	3.2 V
	Charge	3.65 V
Charge Current	Standard	140 A
	Maximum	420A (1.5C)
Charge Time	Standard	2 hour
	Standard	140 A
Discharge Current	Maximum	420 A (1.5C)
	Standard	0°C to 55°C
Temperature	Discharge	-20°C to 60°C
	Volumetric	355 Wh/L
Energy Density	Gravimetric	166 Wh/kg
	AC (1000HZ)	≤0.25 mΩ
Typical Impedance	DC (50%SOC)	0.68 mΩ
	0.5C/0.5C, 100%DOD @25°C	≥8000, 70%EOL
Cycle Life		
Weight	5.40±0.1 Kg	
Safety Standard	UL 、 UN 、 IEC 、 GB/T	

Physical Characteristics



Shape Square

Can Aluminum

H1 207.2±0.5

H2 204.6±0.5

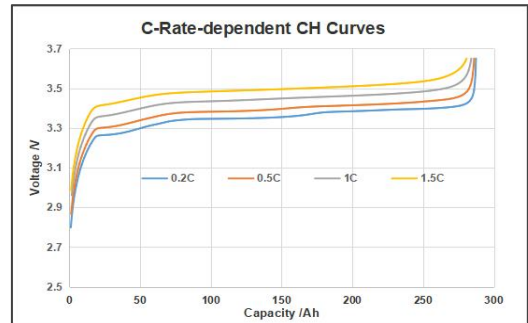
W1 173.5±0.5

W2 123.0±0.3

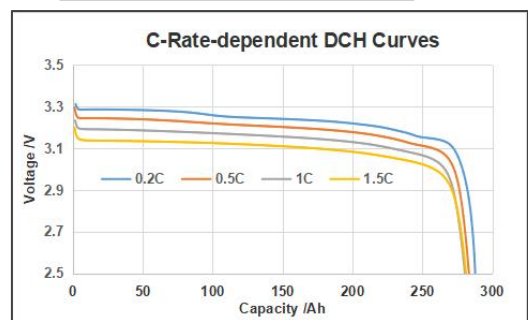
T1 71.5±0.8

Unit: mm

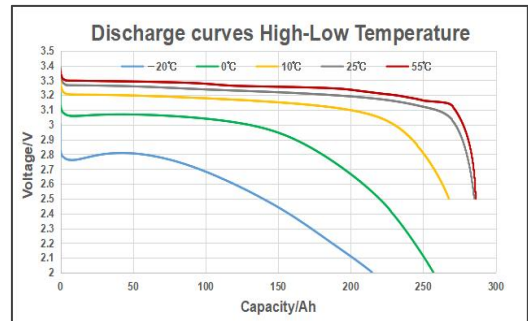
Charge Rate Characteristics



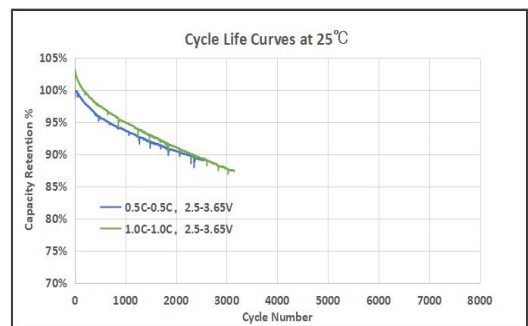
Discharge Rate Characteristics



Discharge at Different Temperature



Cycle Characteristics



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

Shenzhen BAK Power Battery Co., Ltd.

☎ 0755-61886818

✉ Info@bak.com.cn

📍 BAK Industrial Park, Kuyiying, Dapeng New District.

📍 No.9 Keyan Road Nanshan District, Shenzhen

Fuzhou BAK Battery Co., Ltd.

☎ 0794-8333611

✉ Info@bak.com.cn

📍 No.4002 Wenchang Road, High-Tech Industrial Development Zone, Fuzhou Jiangxi