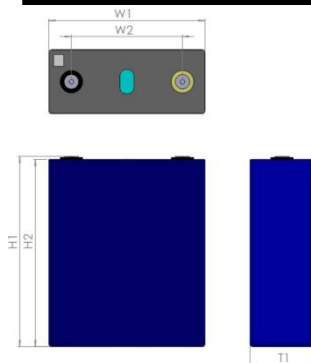


Cell Characteristics

| | | |
|-------------------|---|-----------------------|
| Material | LiFePO ₄ / AG, | |
| Capacity | Nominal | 314 Ah 1004.8 Wh |
| | Typical | 318 Ah 1017.6 Wh |
| Cell Voltage | Nominal | 3.2 V |
| | Charge | 3.65 V |
| | Discharge | 2.5 V 2.0 V (≤0°C) |
| Charge Current | Standard | 157 A |
| | Maximum | 471 A (1.5C) |
| Charge Time | Standard | 2 hour |
| Discharge Current | Standard | 157 A |
| | Maximum | 471 A (1.5C) |
| Temperature | Charge | 0°C to 55°C |
| | Discharge | -20°C to 60°C |
| Energy Density | Volumetric | 395 Wh/L |
| | Gravimetric | 183 Wh/kg |
| Typical Impedance | AC (1000HZ) | ≤0.25 mΩ |
| | DC (50%SOC) | 0.65 mΩ |
| Cycle Life | 0.5C/0.5C, 100%DOD @25°C ≥8000, 70%EOL | |
| Weight | 5.49±0.1 Kg | |
| Safety Standard | UL 、 UN 、 IEC 、 GB/T | |

Physical Characteristics



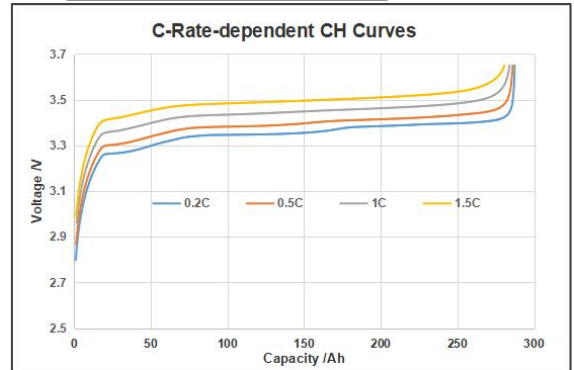
Shape Square

Can Aluminum

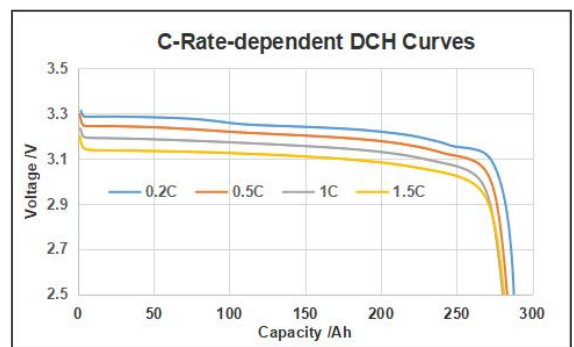
| | |
|----|-----------|
| H1 | 207.2±0.5 |
| H2 | 204.6±0.5 |
| W1 | 173.5±0.5 |
| W2 | 123.0±0.3 |
| T1 | 71.5±0.8 |

Unit: mm

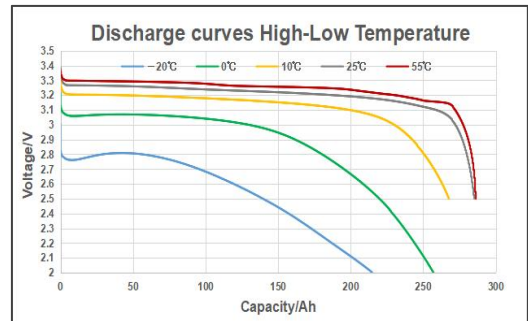
Charge Rate Characteristics



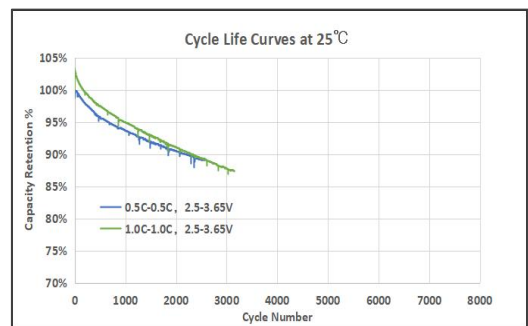
Discharge Rate Characteristics



Discharge at Different Temperature



Cycle Characteristics



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

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