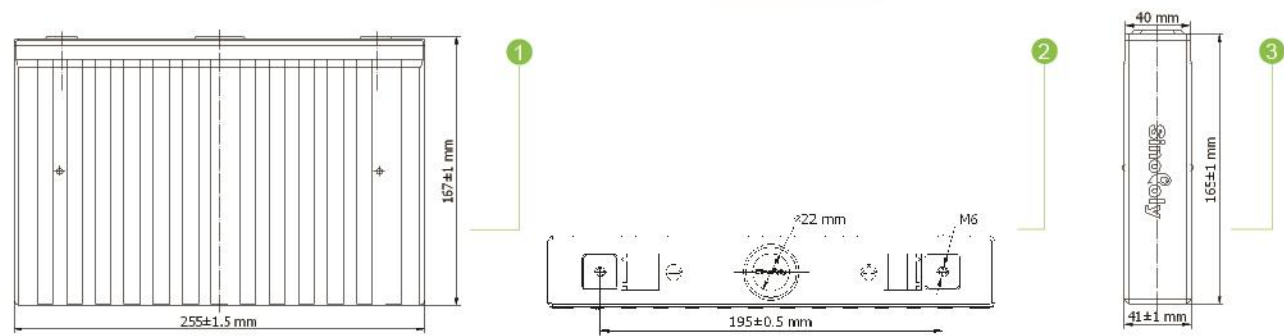


CELL TYPE
SP-LFP-100AHB



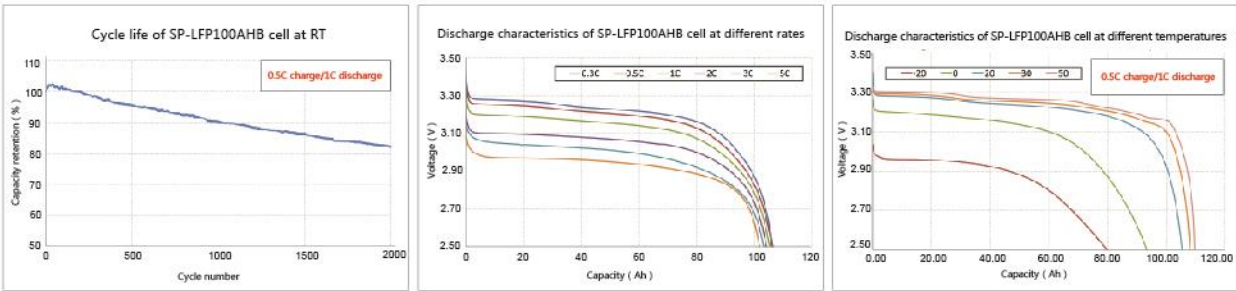
Applications :
EV, energy storage & other power source systemstem ;



Product features

- ◆ High energy density, 115wh/kg;
- ◆ Long cycle life, ≥ 2000 cycles;
- ◆ Good performance at high/low temperature;
- ◆ Excellent safety performance;
- ◆ 3C high rate continuous discharge;
- ◆ Fast charge at 1C,95%SOC within 1h;
- ◆ Automatic production ,good consistency;
- ◆ Environment-friendly;

PRODUCT CERTIFICATES



CYCLING PERFORMANCE

DIFFERENT RATE

DIFFERENT TEMPERATURE

Item		Specification	Remark
Product Model		SP-LFP-100AHB	
Nominal Capacity		100 Ah	
Nominal Voltage		3.2V	
Weight		2.85±0.1kg	
AC Impedance		≤ 0.6 mΩ	AC 1kHz
Cycle Life		≥ 2000 cycles	80%DOD, Capacity Retention≥80%
Self-discharge Rate		≤5%	25°C, 1 month
Dimension	Height	167±1	mm
	Width	255±1.5	
	Thickness	41±1	
CC&CV Charge	Standard Current	33 A	
	Max. Continues Current	1 C(100A)	
	Limited Voltage	3.65V	
	Cut-off Current	3.3 A	0.033 C
Discharge	Standard Current	33 A	
	Max. Continues Current	3 C(300A)	
	End Voltage	2.5 V	
Operation Temperature	Charge	0°C ~ 45°C	
	Discharge	-20°C ~ 55°C	
Storage		-10°C ~ 45°C 25% ~ 85% RH	30% ~ 50%SOC

Contact information

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