

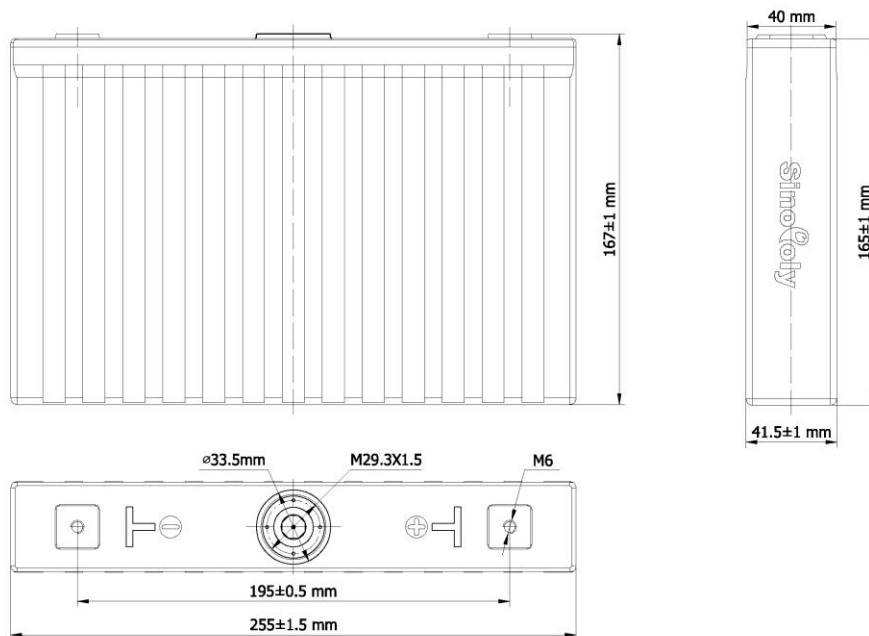
CELL TYPE

SP-LFP-100AhB



Applications:

EV, energy storage & other power source system;



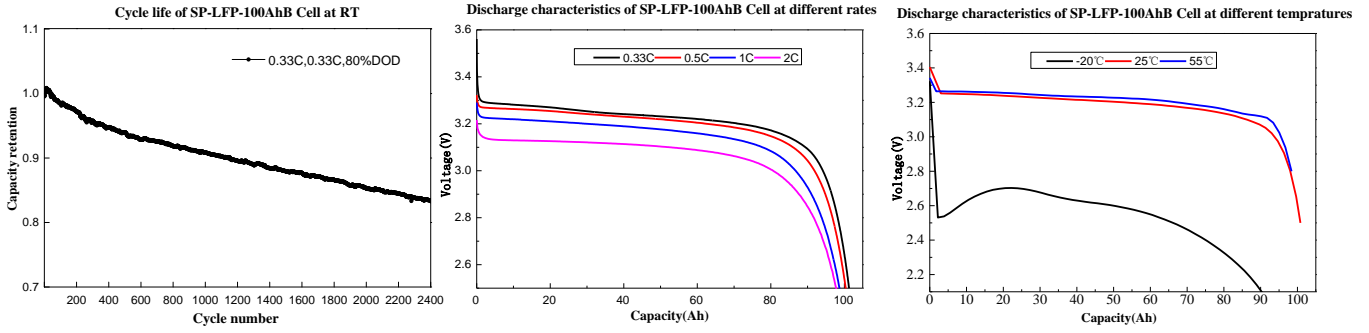
Product features

- ◆ Long cycle life
- ◆ High energy density
- ◆ High rate continuous discharge
- ◆ Fast charge at 1C rate

1.1 Good performance at high/low temperature

- ◆ Good stability for application
- ◆ Excellent safety performance
- ◆ Automatic production, good consistency
- ◆ Environment-Friendly

**PRODUCT SPECIFICATION**



Item		Spec	Remarks
Product Model		SP-LFP-100AhB	NA
Nominal Capacity		100 Ah	RT /0.33C; 3.65 to 2.5V
Nominal Voltage		3.2 V	NA
Weight		2.85±0.50 Kg	REF
Internal Impedance		≤0.6 mΩ	AC1kHz
RT Cycle Life		≥2000 Cycles	RT ,0.33C/0.33C,80%DOD
Self-discharge Rate		≤5%	Per Month
Dimension	Height (pole)	167.0±1.0mm	NA
	Height (can)	165±1.0 mm	
	Length	255±1.5 mm	
	Thickness	41.5±1.0mm	
Charge	Standard Current	0.33C	CC & CV
	Max. Continues Current	1C	Max. Pulse Current 2C
	Limited Voltage	3.65V	NA
	Cut-off Current	0.033C	NA
Discharge	Standard Current	0.33C	NA
	Max. Continuous Current	2C	Max. Pulse Current 3C
	End Voltage	2.5 V	Low-Temp. discharge to 2.0V (<0°C)
Operating Temperature	Charge	0 ~ 45 °C	Cell Surface Temp. ≤60°C
	Discharge	-20 ~ 55 °C	Cell Surface Temp. ≤60°C
Storage Temperature		5~ 40 °C	Short term; -40 ~ 50°C
Storage Humidity		≤75%RH	RH

**Contact information**

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