

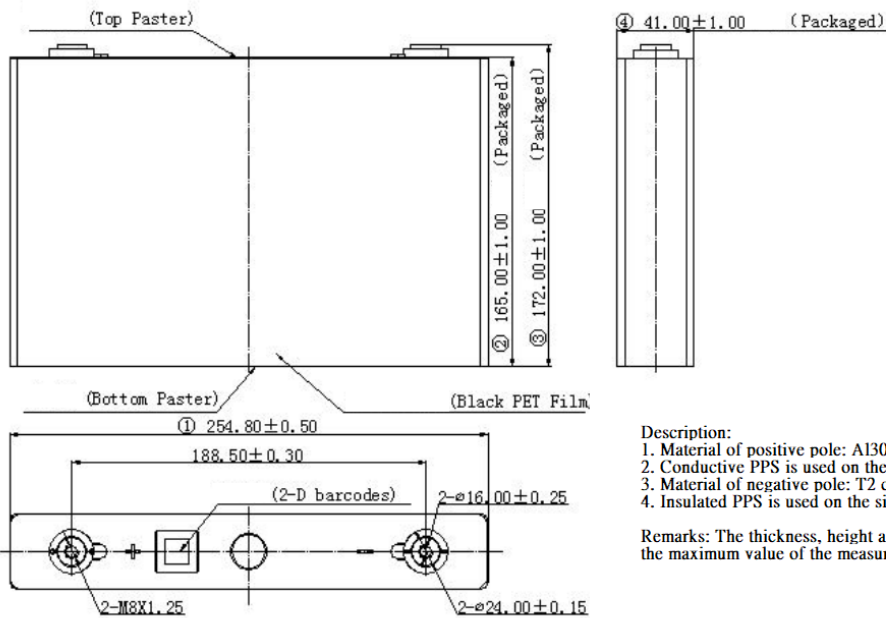
CELL TYPE

SP-FA41255BM-160Ah



Applications:

EV, energy storage & other power source system;



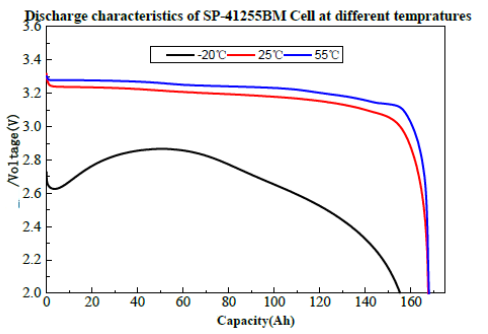
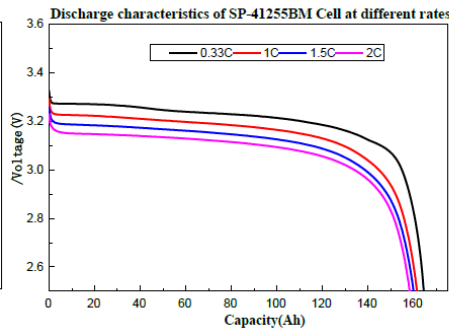
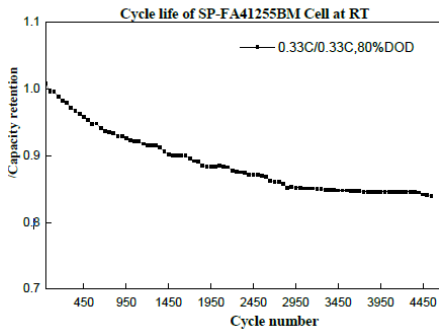
Description:

1. Material of positive pole: Al3003
2. Conductive PPS is used on the side of the positive pole, black color
3. Material of negative pole: T2 copper nickel plating
4. Insulated PPS is used on the side of negative pole, khaki color

Remarks: The thickness, height and length of the cell shall be based on the maximum value of the measurement

Product features

- ◆ Long cycle life
- ◆ High rate continuous discharge
- ◆ Fast charge at 1C rate
- ◆ High energy density
- ◆ Good performance at high/low temperature
- ◆ Good stability for application
- ◆ Excellent safety performance
- ◆ Automatic production, good consistency
- ◆ Environment-Friendly



Item		Spec	Remarks
Product Model		SP-FA41255BM	NA
Nominal Capacity		160 Ah	RT /0.33C; 3.65 to 2.5V
Nominal Voltage		3.2 V	NA
Weight		3.56±0.50 Kg	REF
Internal Impedance		≤0.4 mΩ	AC1kHz
RT Cycle Life		≥4000 Cycles	RT ,0.33C/0.33C,80%DOD
Self-discharge Rate		≤4.5%	Per Month
Dimension	Height (pole)	172.0±1.0mm	Packaged
	Height (can)	165±1.0 mm	
	Length	254.8±0.5 mm	
	Thickness	41.0±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~ 35 °C	Short term: -40 ~ 50°C
Storage Humidity		15% ~ 90% RH	RH

Contact information

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