



赣锋电池产品介绍



Products of LFP BEV/ESS Products



BEV/ESS LFP 86Ah 1C/1C
125Wh/Kg 265Wh/L
48*173*127



BEV/ESS LFP 277Ah 1C/1C
145Wh/Kg 320Wh/L
48*173*127



BEV/ESS LFP 206Ah 1C/1C
162Wh/Kg 352Wh/L
53*173*200



BEV/ESS LFP 277Ah 1C/1C
162Wh/Kg 356Wh/L
71*173*200

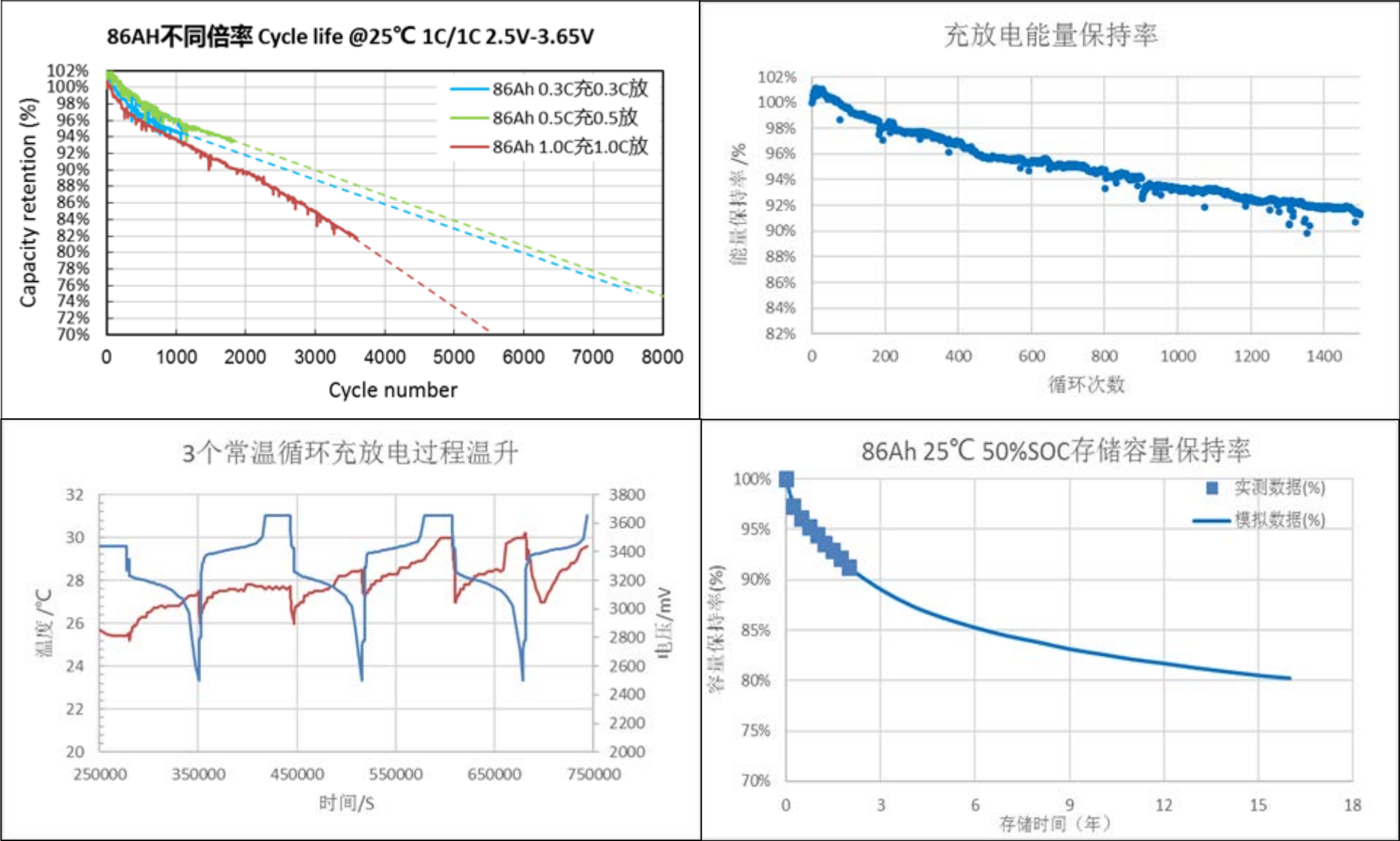
Overview of 86Ah



BEV LFP 86Ah 1C/1C
125Wh/Kg
48*173*127

Item		Specification
Dimension (excluding terminals)		48.0mm x 173mm x 127mm
Weight		Max. 2150 g
Min. capacity		80Ah (1C) @ 25°C
Min. energy		275 Wh (1C) @ 25°C
SOC window		5 ~ 95 %
Terminal		Welding terminal
Voltage	Max.	3.65 V
	Nominal	3.20 V
	Min.	2.50 V
Energy density	Gravimetric	125Wh/kg
	Volumetric	265Wh/L
Temp. Condition	Operation (Charge)	-20 ~ 55°C
	Operation (Discharge)	-30 ~ 55°C
	Storage	-30 ~ 55°C
Self-Discharge Rate	100% SOC, 25°C, 1month	≤3%
Fast charging ability	25°C	30min, 80%SOC
High temperature storage	60°C, 30Days, irreversible capacity loss	< 5%
Cycle Life	1C/1C, 80% DOD 25°C	4,000 cycles
	1C/1C, 80% DOD 45°C	2,000 cycles
Service Life	35°C average temperature	5years/100000Km
Calendar Life	SOC100%, 25°C	On going (15yrs est.)
Abuse test	Overcharge, Over-discharge, Short, Heat	GB/T 31485-2015

86Ah Data



Overview of 100Ah



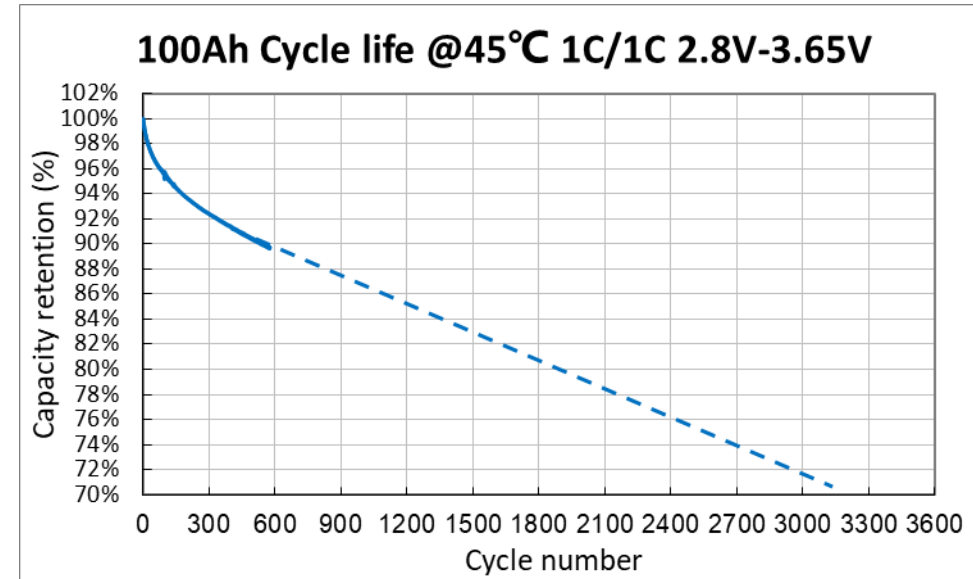
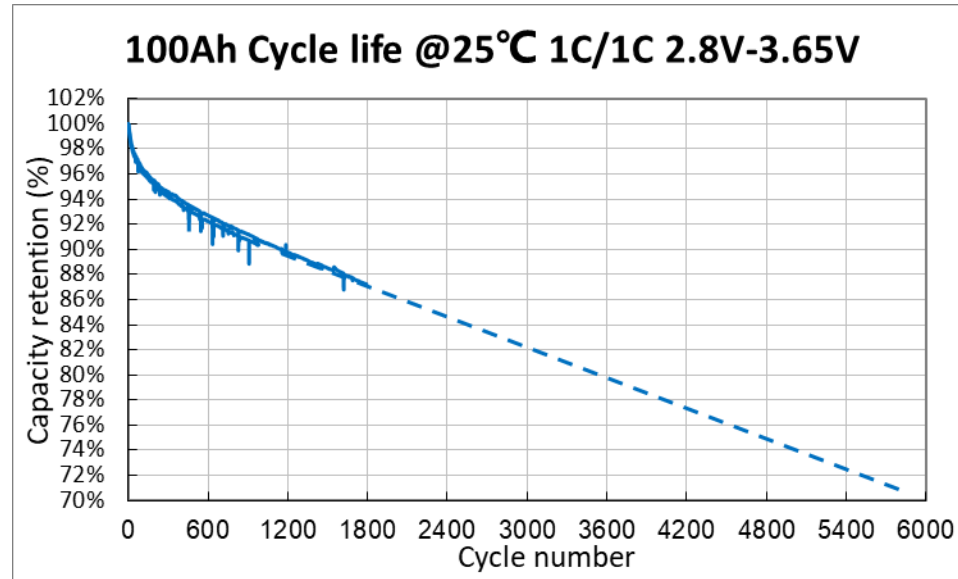
BEV LFP 100Ah 1C/1C

145Wh/Kg

48*173*127

Item		Specification
Dimension (excluding terminals)		48.0mm x 173mm x 127mm
Weight		Max. 2350 g
Min. capacity		100Ah (1C) @ 25°C
Min. energy		320 Wh (1C) @ 25°C
SOC window		5 ~ 95 %
Terminal		Welding terminal
Voltage	Max.	3.65 V
	Nominal	3.20 V
	Min.	2.50 V
Energy density	Gravimetric	145Wh/kg
	Volumetric	320Wh/L
Temp. Condition	Operation (Charge)	-20 ~ 55°C
	Operation (Discharge)	-30 ~ 55°C
	Storage	-30 ~ 55°C
Self-Discharge Rate	100% SOC, 25°C, 1month	≤3%
Fast charging ability	25°C	30min, 80%SOC
High temperature storage	60°C, 30Days, irreversible capacity loss	< 5%
Cycle Life	1C/1C, 80% DOD 25°C	3,000 cycles
	1C/1C, 80% DOD 45°C	1,200 cycles
Service Life	35°C average temperature	5years/100000Km
Calendar Life	SOC100%, 25°C	On going (15yrs est.)
Abuse test	Overcharge, Over-discharge, Short, Heat	GB/T 31485-2015

100Ah Data



LFP Products Roadmap

Material	Dimension(excluding terminals)	Type	2019												2020											
			Q1			Q2			Q3			Q4			Q1			Q2			Q3			Q4		
			1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
LFP	48*173*127	BEV/ESS				◆ 100Ah 140wh/kg 1C/1C 3000次																				
	48*173*127	BEV/ESS										◆ 100Ah 135wh/kg 1C/1C 6000次														
	48*173*127	BEV/ESS										◆ 120Ah 160wh/kg 1C/1C 2000次														
	54*173*200	BEV/ESS				◆ 206Ah 160wh/kg 1C/1C 3000次																				
	71*173*200	BEV/ESS					◆ 277Ah 162wh/kg 1C/1C 3000次																			
	54*173*204	BEV/ESS										◆ 235Ah+ 180wh/kg 1C/1C 2000次												◆ 260Ah+ 200wh/kg 1C/1C		
	71*173*204	BEV/ESS										◆ 314Ah+ 180wh/kg 1C/1C 2000次												◆ 340Ah+ 200wh/kg 1C/1C		

Thanks !

Use limited resources, Create unlimited value.

Jiangxi Ganfeng battery technology co., LTD

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