



SPECIFICATION OF GBS-LFMP40AH

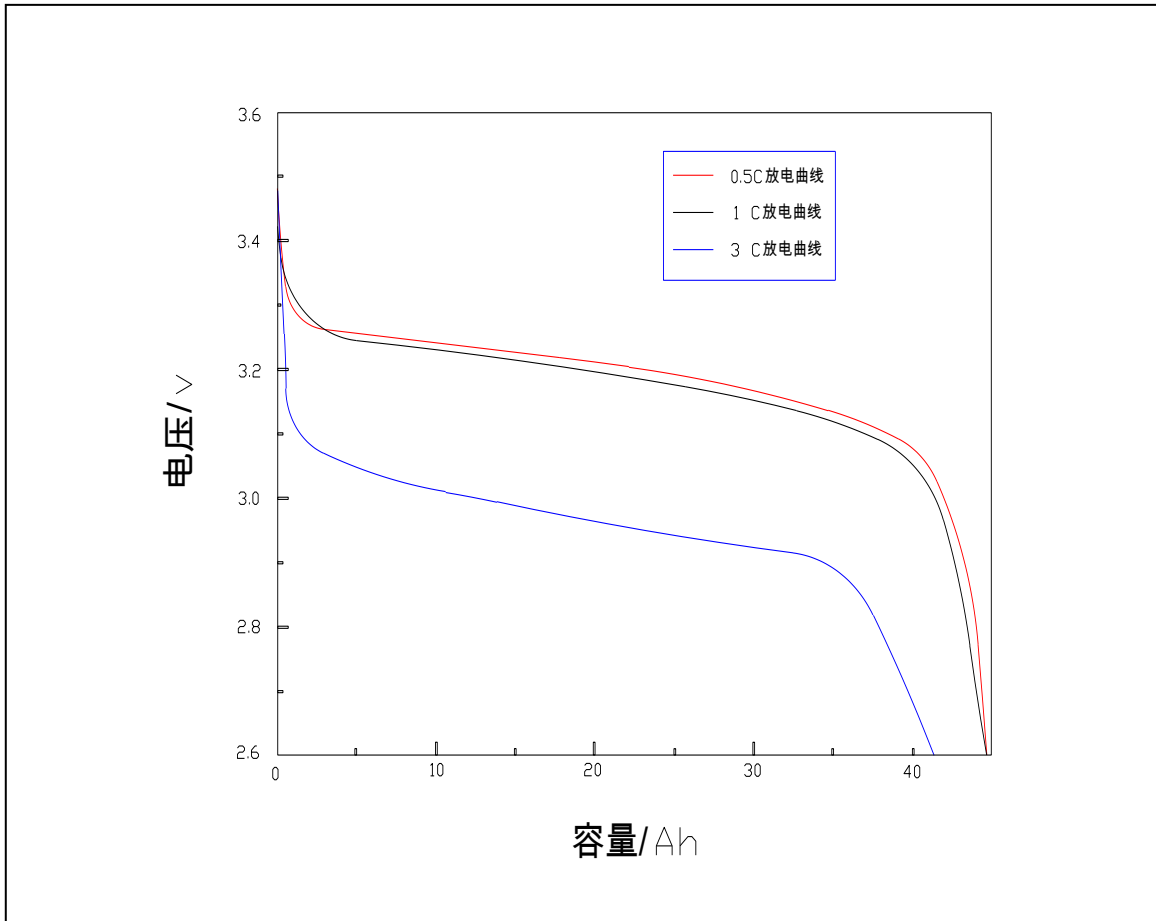
Nominal Capacity	40Ah	Working Voltage	Single cell charging : 3.8V
			Battery pack charging : 3.65V
			Single cell charging : 2.5V
			Battery pack discharging : 2.8V
Max. Charging Current	$\leq 3C$	Max. Discharging Current	Continuous Current : $\leq 3C$
			Impulse Current : $\leq 10C$
Standard Charging Current	0.3~0.8C	Best Charging Current	0.5C
Internal Resistance	$\leq 2.5m\Omega$	Cycle Life	Single cell ≥ 2000 times (80%DOD)
			Battery pack ≥ 1500 times (80%DOD)
Temp. resistance of Shell	$\leq 135^{\circ}C$	Working Temperature	Charging : $> 0^{\circ}C$

			Discharging : -20°C-65°C
Self Discharge rate (month)	≤3%	Cell Weight	1.4kg±100g
Energy Density	85~100Wh/kg	Power Density	> 800w/kg
Single Cell Dimension	126mm*46mm*180mm		



SINGLE CELL GBS-LFMP40AH

DISCHARGE CURVE



CHARGING CURVE

