



Lithium Thionyl Chloride Battery Specification
Bobbin Type

Model	ER26500-LD,A912650-4
Capacity	9000mAh

Electrical characteristics:

No.	Item	Characteristics
1	Model	ER26500
2	Nominal voltage	3.6V
3	Nominal capacity	9000mAh (Conditions:870Ω/4mA,+20°C, end voltage 2.0V) Notes:Battery capacity will be different according to the discharge
4	Max.constant current	180mA
5	Max.pulse current	320mA[discharge according to pulse characteristics frequency,continue time) temperature,battery state(storage before use)and it is different as the lowest voltage accepted by device]
6	Max.dimension	Φ26.2mm×50mm (Max)
7	Operating temp.	-55°C~+85°C
8	Approx.weight	55g
9	Battery volume	27.6cm ³

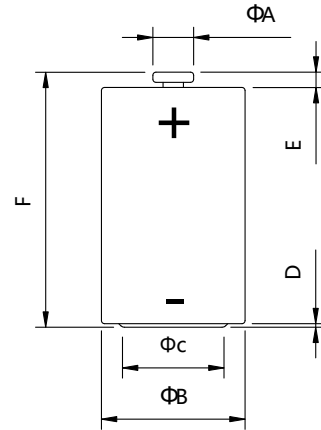
Technical index and safety characteristics:

Technical index:

NO.	Item	Test condition	Index	
4.1.1	OCV	Voltage meter	-40±2°C	3.64 ~ 3.70V
			23±2°C	3.64 ~ 3.70V
			85±2°C	3.64 ~ 3.74V
4.1.2	Load voltage	56Ω@5S	-40±2°C	≥2.9V
			23±2°C	≥3.2V
			85±2°C	≥3.4V

4.1.3	Standard discharge	870Ω,end voltage 2V	23±2°C	9000mAh
	Quick discharge	56Ω,end voltage 2V	23±2°C	≥6000mAh

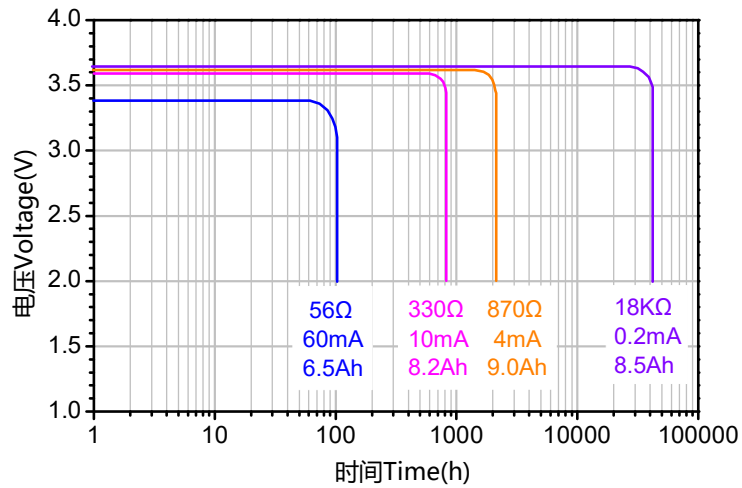
(NOTES:The tested battery position should be vertical and positive side should be up situation.)



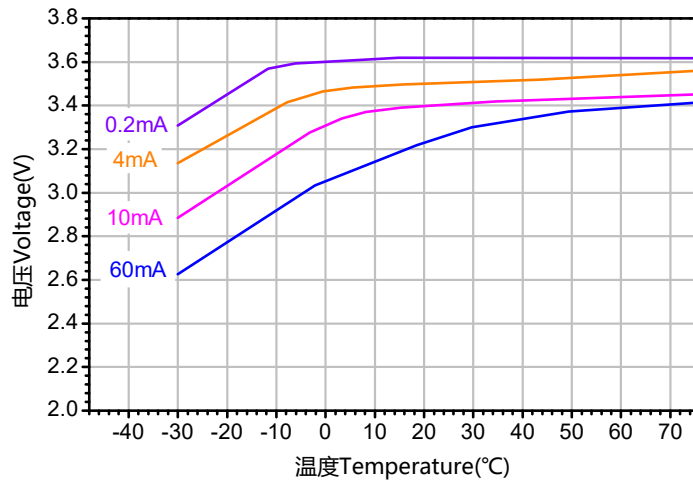
ΦA	ΦB	ΦC	D	E	F
4.4Max	26.2Max	18Max	0.5±0.5	1.5±0.2	50Max

Discharge Curve

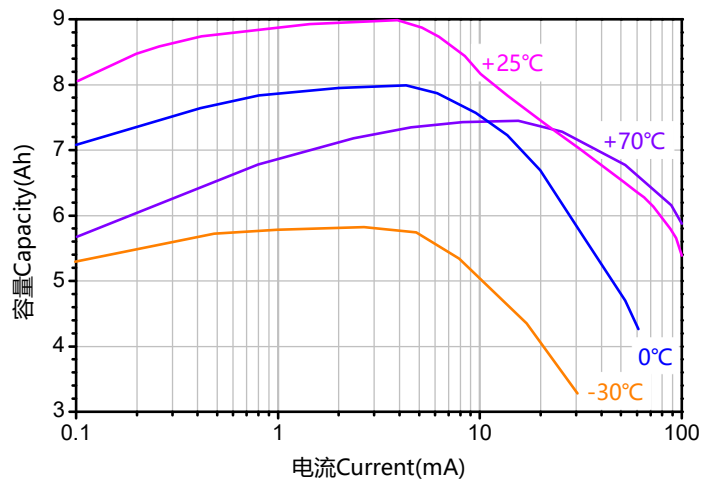
Discharge Characteristics (+25°C)



Voltage Versus Temperature



Capacity Versus Current



ER26500-LD/ 9000 mAh, A912650-4
ER26500-TJC8-2P 100MM (internal part number)

