



You Power The Life
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Technical specification

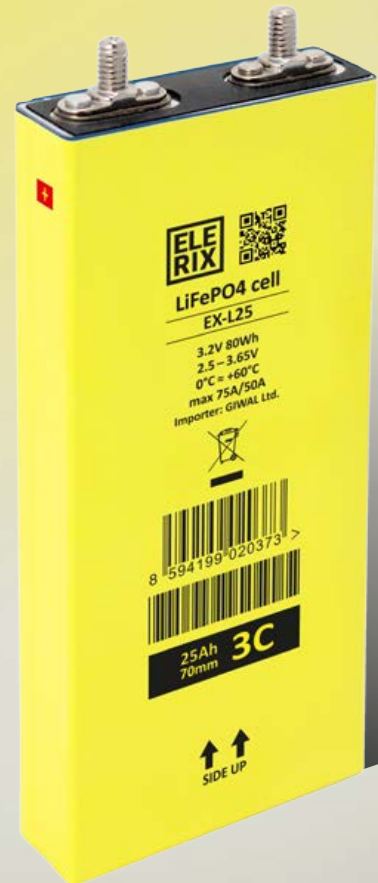
ELERIX EX-L25

High Energy
Density Storage
LFP Cell

LiFePo4
Lithium Iron Cell

3.2V / 25Ah / 3C

EX-L25



- ▶ High Energy Density Cell - 3C - 75A Discharge
- ▶ Lithium Iron Phosphate - LiFePO4 Chemistry
- ▶ Long Cycle and Calendar Life (3000 cycles / 15 years)
- ▶ Only Plus Temperature Range, No-Frost
- ▶ Superior quality and safety. No toxic chemicals

ELERIX EX-L25

LiFePO₄, Lithium Iron Cell
3.2V / 25Ah / 1C



ELECTRICAL CHARACTERISTICS

Items	Specification	Remarks		
Product code	EX-L25			
Nominal Voltage (V)	3.2			
Nominal Capacity (Ah)	25	Charge @0.5C Discharge @0.5C		
Nominal Energy (Wh)	80			
Form Factor				
Terminal type	Screw M6 Hole			
Terminal material	Alu (-) / Alu (+)			
Cell Dimension (mm)	Width	70		
	Height	165	Without terminals	
	Thick	27		
Cell Volume (dm ³ - L)	0.31			
Nominal Weigth (kg)	0.7	Average value		
Energy Density	Gravity (Wh/kg)	114		
	Volume (Wh/L)	257		
Internal Resistance mOhm (Max)	3.5			
Voltage	Minimal (V)	2.5		
	Maximal (V)	3.75		
Current	Charge	Standard (A)	25	
		Max. Cont. (A)	50	
	Discharge	Standard (A)	25	
		Max. Cont. (A)	60	Continued, temp ≤ 50°C
		Peak (A)	125	≤ 30 sec, temp ≤ 50°C
Cycle Life at 80% DOD	3000	@0.3C/1C, @25°C, >80% SOH		
Operating Lifespan (Calendar Life)	15 years	Average material aging estimation		
Operating Temperature	Charge (°C)	3 ~ +50°C		
	Discharge (°C)	-20 ~ +60°C		
	Storage (°C)	-20 ~ +45°C		

KEY SAFETY FEATURES

Items	Specification
Fire	No Self-ignition, No Explosion.
Overcharge	No Explosion. No Fire.
Short-circuit	No Explosion. No Fire.
Penetration	Smoke only. No Fire.
Crush	Smoke only. No Fire.
Overheating	Stable up to +130°C. No fire.
Non-toxic	No Cobalt, No Lead-Acid.
Recycling	+90% Recyclable.

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