LFeLi 24100L LiFePO4 specifications

Averge Technologies (Pty) Ltd

FEATURES

- **Lighter Weight** - About 40% of the weight of a comparable lead acid battery. A 'drop in replacement for lead acid batteries.
- **Superior Safety** - Lithium Iron Phosphate chemistry eliminates explosion risk or combustion due to high impact, overcharging or short circuit situation.
- **Higher Power** - Delivers twice power of lead acid battery, even high discharge rate, while maintaining high energy capacity.
- **Longer Cycle Life** - Offers up to 20 times longer cycle life & 5 times longer calendar life than lead acid batteries, minimizing replacement cost.
- **Wider Temperature Range**- -20°C ~ 60°C.



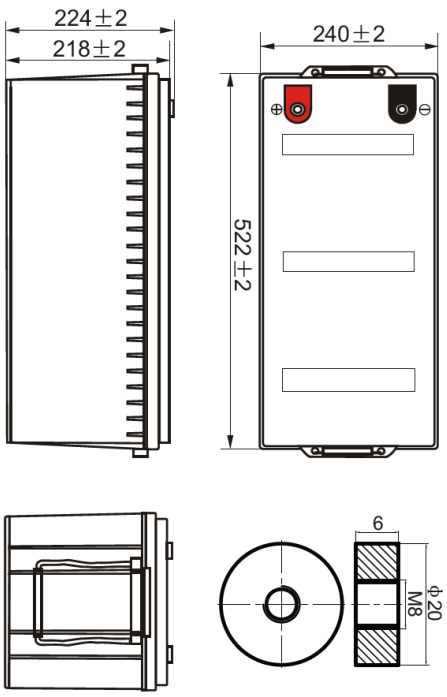
Electric Wheelchairs & Electric scooters

Solar/wind Energy Storage

Caravan power

Power tools

Backup power for UPS systems



Model:	LFeLi 24100L
Nominal voltage:	25.6V
Nominal Capacity:	100Ah
Energy:	2560Wh
Voltage range:	22~29.2V (limit: 20~30V)
Internal resistance:	<50mΩ
Cycle life:	>2000 cycles @0.5C 100%DOD
Self discharge per month:	<3%
Charge voltage:	29.2 ±0.2V
Charge current:	Recommended 20~50A
Max Discharge current:	100A Continuous (150A Pulse)
Communication:	Bluetooth
Temperature Range:	-20~60°C

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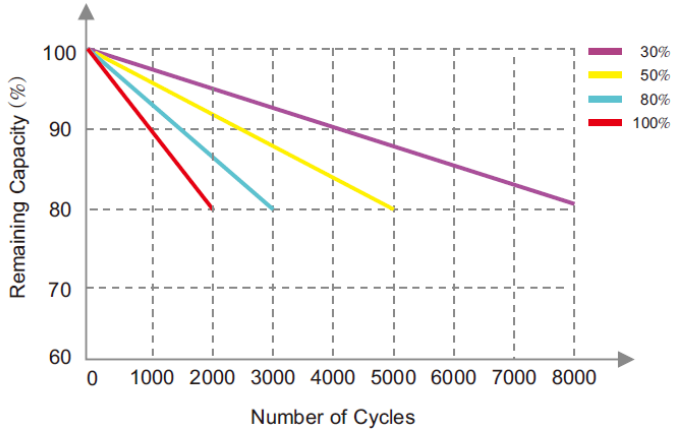
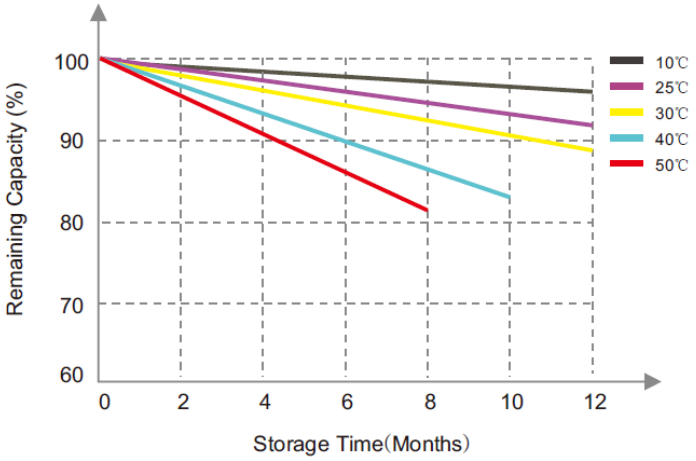
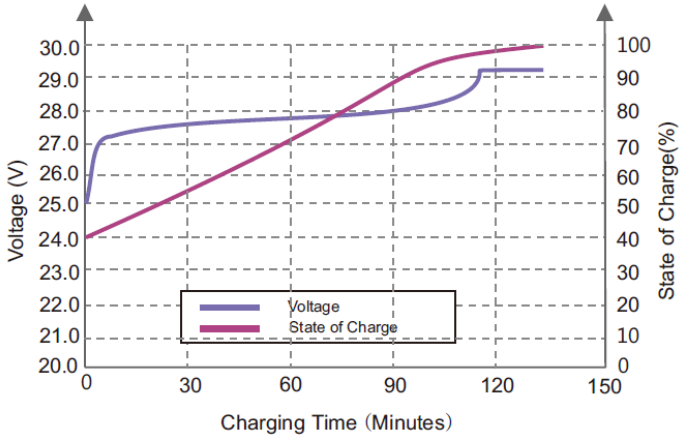
DOD Discharge Cycle Life Curve



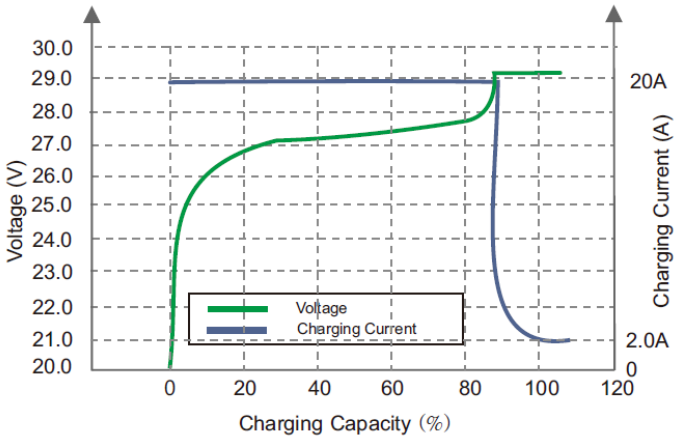
Temperature Self Discharge Curve



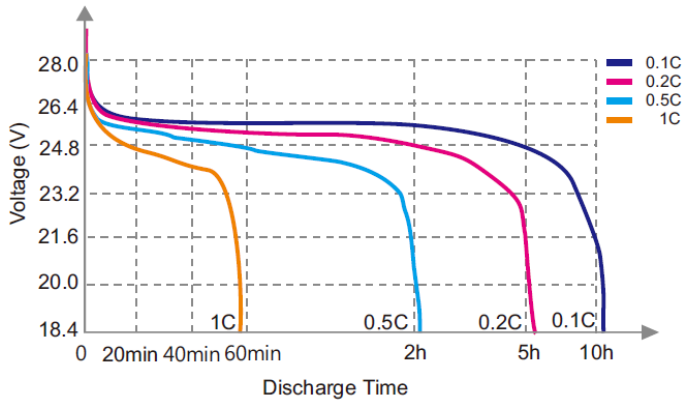
State of Charge Curve(0.2C, 25℃)



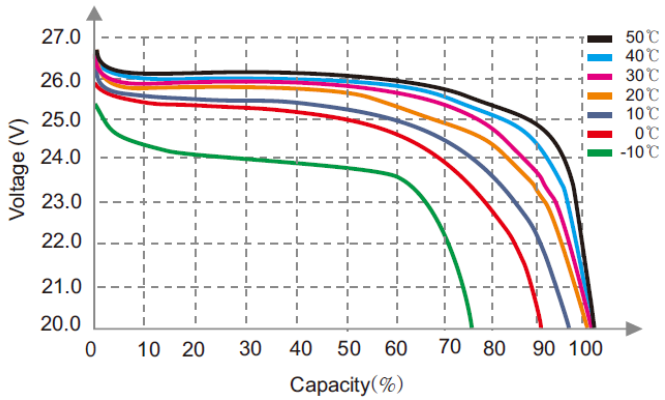
Charging Characteristics(0.2C, 25℃)



Discharge Rate Curve(25℃)



Temperature Discharge Curves(0.5C)



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