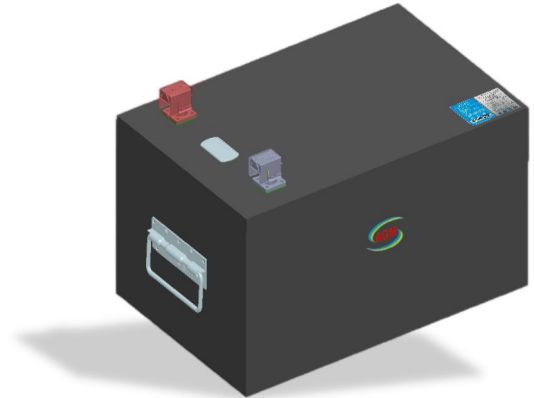




LiFePO4 Battery SF24270M (25.6V270Ah)

Features

- Longer Cycle Life:** Offers up to 20 times longer cycle life and five times longer float/calendar life than lead acid battery, helping to minimize replacement cost and reduce total cost of ownership.
- Lighter Weight:** About 40% of the weight of a comparable lead acid battery. A 'drop in' replacement for lead acid batteries.
- Higher Power:** Delivers twice power of lead acid battery, even high discharge rate, while maintaining high energy capacity.
- Superior Safety:** Lithium Iron Phosphate chemistry eliminates the risk of explosion or combustion due to high impact, overcharging or short circuit situation.



Length*Width*Height: 590*450*210mm
(Excluded terminals & handles)

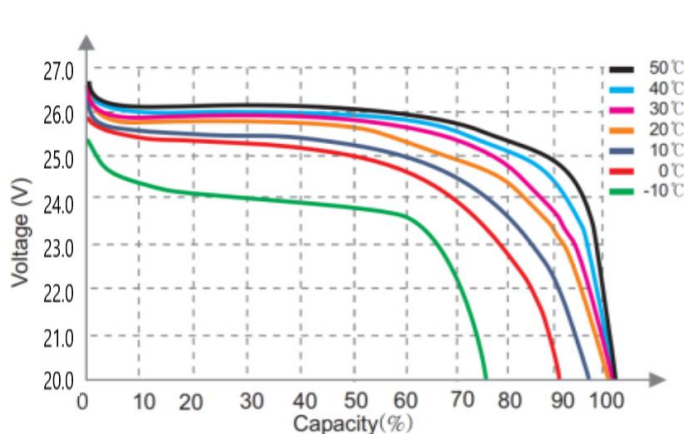
Applications

Replace lead-acid batteries (Forklift power, Ships living backup power etc.)

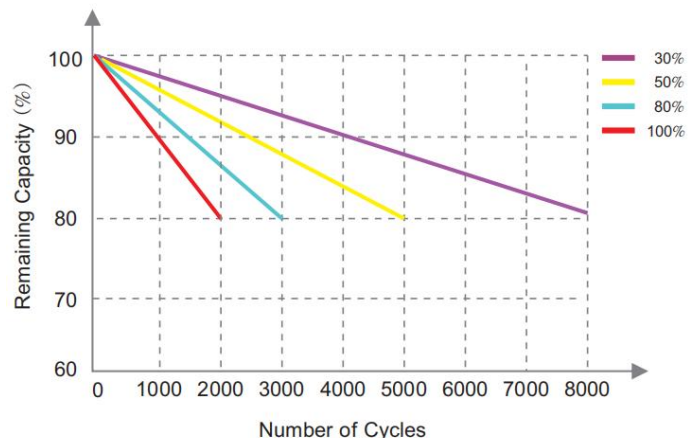
Specification

Nominal voltage	25.6V	Nominal capacity	270Ah
Energy	6.912KWh	Cycle life	3000 cycles @25°C,0.2C,80%DOD
Charge voltage	≤29.2V	Discharge voltage	≥20V
Charge current	100A	Discharge current	≤200A,300A (<5s)
Charge temperature	0~45°C	Discharge temperature	-20~65°C
Storage temperature	0~45°C	Self-discharge rate	≤3%/month
Shell material	Q235	IP class	IP55
N.W:	~60Kg	Material system	Lithium Iron Phosphate (LFP)
Terminals	M8	Other configuration	LCD (Current,Voltage)
Protective function	Over-current protection,Over-voltage protection,Low-voltage protection,Over-temperature protection,Low-temperature protection,Short-circuit protection etc		

Discharge voltage curve at Different temperature



Cycle life at different DOD



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