

## 25.6V Lithium iron Battery(LiFePO4)



Safest lithium battery technology and Multiple safety protection



Lighter Weight



Eco-friendly



20 Years Designed service life



Intelligent balancing function



Longer Life

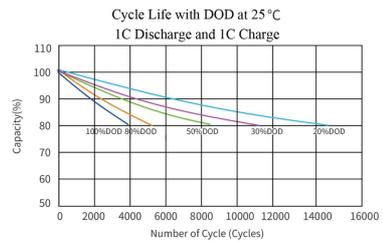
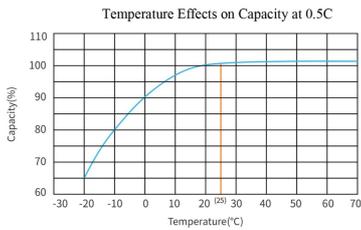
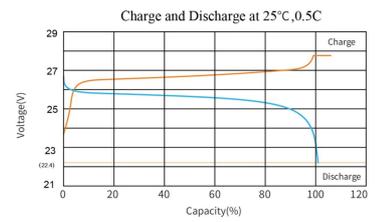
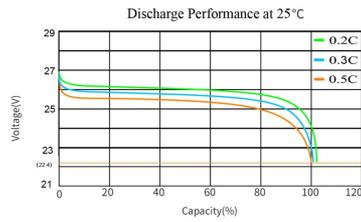
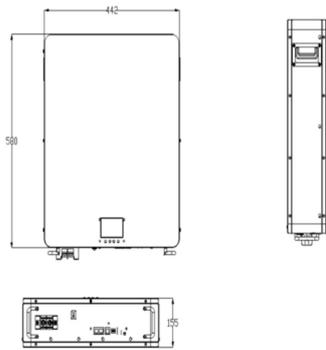
**MODEL** STM25.6V305Q-2

PERFORMANCE	
Cell	Prismatic LFP 305Ah
Rated Charge Current	100A
Rated Discharge Current	150A
Max.Charge Current	200A
Pulse Current	600A(5S)
Short Circuit Current	Approx.2000A
Rated Charge Voltage	27.2~27.6V
Rated Discharge Cut-off Voltage	22.4V
Charge Cut-off Voltage	29.2V
Min.Discharge Cut-off Voltage	>20V
Balancing Voltage	>27.2V
Terminal	M8
IP Grade	IP21
Self Discharge	<=2%/Month
Cycle Life	4000times(100%DOD)

PERFORMANCE PARAMETERS	
Capacity	305 Ah
Nominal Voltage	25.6V
Energy	7808 Wh
Weight	55 kg
Dimensions	442*580*155mm
Storage Temp	-5°Cto 35°C
Discharge Temp	-20°C to 60°C
Charge Temp	0°C to 45°C

BASIC PERFORMANCE	
Certifications	CE/UN38.3/UL1642/IEC62619
Transport Appraisal	UN3480,CLASS 9

Note: Specifications are subject to change without advance notice.



1. Do NOT short circuit, crush or disassemble.
2. Do NOT heat or incinerate.
3. Do NOT immerse in any liquid.
4. Store at 50% capacity. Recharge every 3 months. The storage area should be clean, cool, dry and ventilated.
5. Disconnect charging source prior to connecting or disconnecting battery terminals.
6. Do not dispose of batteries in a fire as they can explode.
7. Do not open, alter, or mutilate batteries. Released electrolyte is harmful to skin and eyes. It may be toxic.
8. Do not mix different types and brands of lithium-ion batteries.
9. Do not dispose in trash, follow local regulations and manufacturer's instruction.
10. See installation instructions before connecting to the supply.
11. The battery cabinet receives power from more than one source. Disconnection of all DC sources is required to De-energize this unit before installing or servicing. Wait 5 minutes before opening the unit.
12. Do not install on or over combustible surfaces.
13. Refer to manual before servicing.
14. Do not touch bare terminals.