



JYS5000



JYS10000



JYS15000

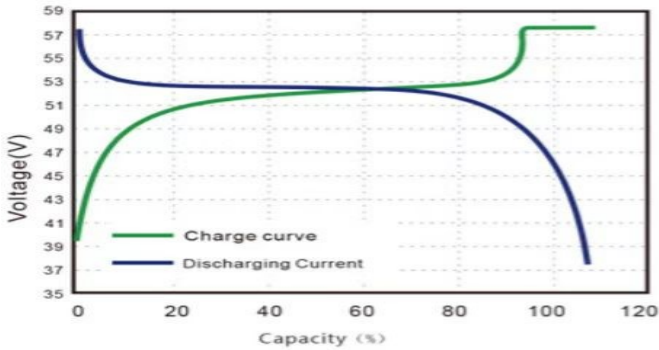
Serial number	Technical requirement	JYS5000	JYS10000	JYS15000
1	Energy (Wh)	5376	10752	16128
2	Standard voltage	DC-51.2V		
3	Charge protection voltage	DC-58.4V		
4	Discharge protection voltage	DC-40.0V		
5	Charging temperature range	0-55℃		
6	Discharge temperature range	-20-65		
7	Relative humidity	45%~85%		
8	Storage (within 1 month)	-20℃~45℃		
9	Storage (within 1 year)	0℃~35℃		
10	Storage humidity	<70%		
11	Charging current (A)	20-50	40-100	60-150
12	Standard discharge current (A)	≅ 50	≅ 100	≅ 150
13	Maximum discharge current (A)	≅ 100	≅ 200	≅ 300
14	Weight (kg)	45-50	90-95	135-140
15	Dimension Length * Height * Depth (mm)	585*170*380 (±5)	585*340*380 (±5)	585*510*380 (±5)
16	Communication function	RS485、RS232、CAN		
17	Bluetooth function	Mobile phone connection		
Inverter (Optional)				
1	AC input function	110-220VAC		
2	DC input function	40-60VDC		
3	PV input function	120-500VDC		
4	AC output function	110-220VAC		
5	Output frequency	50Hz/60Hz		
6	Wireless WiFi			
7	Inverter power	3KW-5KW	5KW-10KW	10KW-15KW



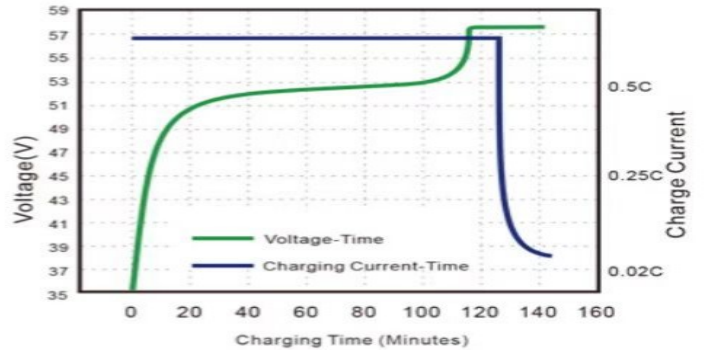
PERFORMANCE CHARACTERISTICS

Charging and Discharge curve

● Charge and discharge curve @0.5C 25°C

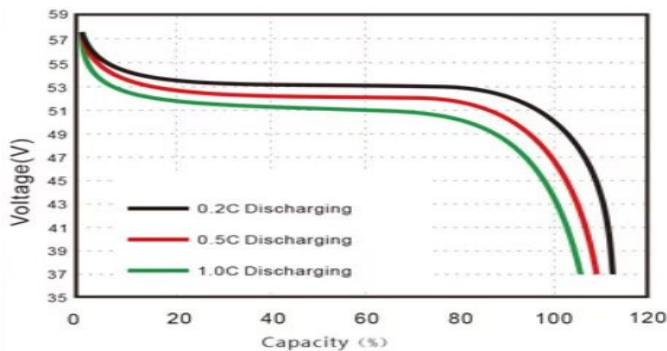


● Charging Characteristics @0.5C 25°C

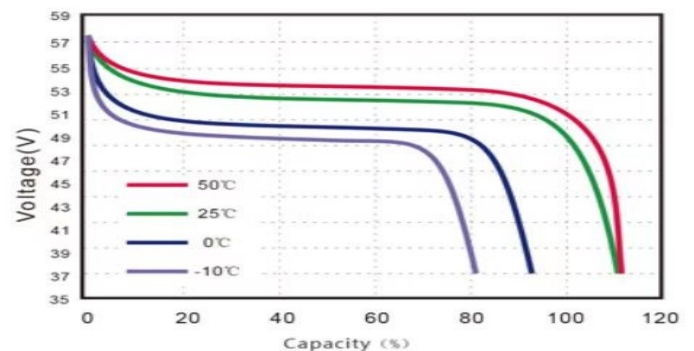


Different current/Temperature Discharge curves

● Different Rate Discharge Curve @25°C



● Different Temperature Discharge Curve @0.5C



FEATURES & BENEFITS



High cycle life
> 5 years or 6000 cycles, effectively reducing the total cost of ownership.



Longer service life
Low maintenance batteries with stable chemistry.



Built in circuit protection
Battery Management System (BMS) is incorporated against abuse.



Better storage
For up to 6 months, there is no risk of sulfate due to its extremely low self-discharge rate.



Quickly recharge
Save time and increase productivity with less down time thanks to superior charge/discharge efficiency.



Extreme heat tolerance
Suitable for use in a wider range of applications where ambient temperature is unusually high: up to +60°C.



Lightweight
Lithium iron phosphate energy storage batteries provide more power.

APPLICATIONS

Lithium iron phosphate energy storage battery, suitable for home, street lamp, commercial, industrial and other electrical products:

- Caravan
- Marine
- Home energy storage
- Outdoor energy storage
- Solar Storage
- Remote Monitoring
- Switching applications and more

CAUTIONS

- Do NOT short circuit, reverse polarity, crush or disassemble.
- Do NOT heat or incinerate.
- Do NOT immerse in any liquid.
- Store at 30~50% SOC. Recharging every 3 months is recommended. The storage area should be clean, cool, dry and ventilated.