



Product introduction:

The SBS lithium energy storage battery use long working life LiFePO4 battery, and high performance BMS to protect and manage the battery system, it has wider usage and longer life than traditional battery.

Product features:

- ※ High power, friendly interface, free combination
- ※ High quality battery cell, precise combination
- ※ CAN/RS485/WIFI/4G/Blue tooth communication
- ※ BMS customization supported
- ※ Thick shell, well protection for inside cells

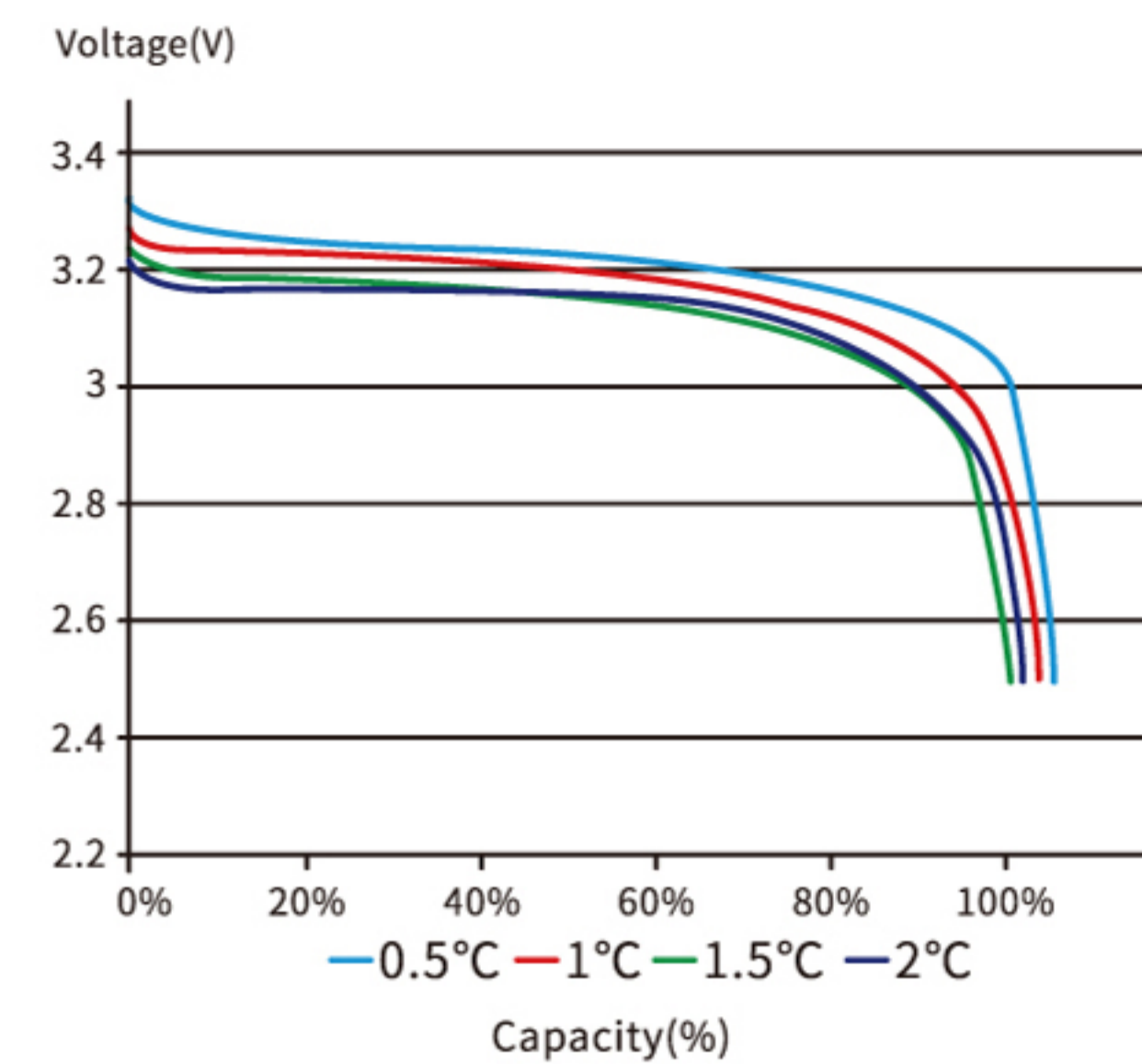
BMS Protection:



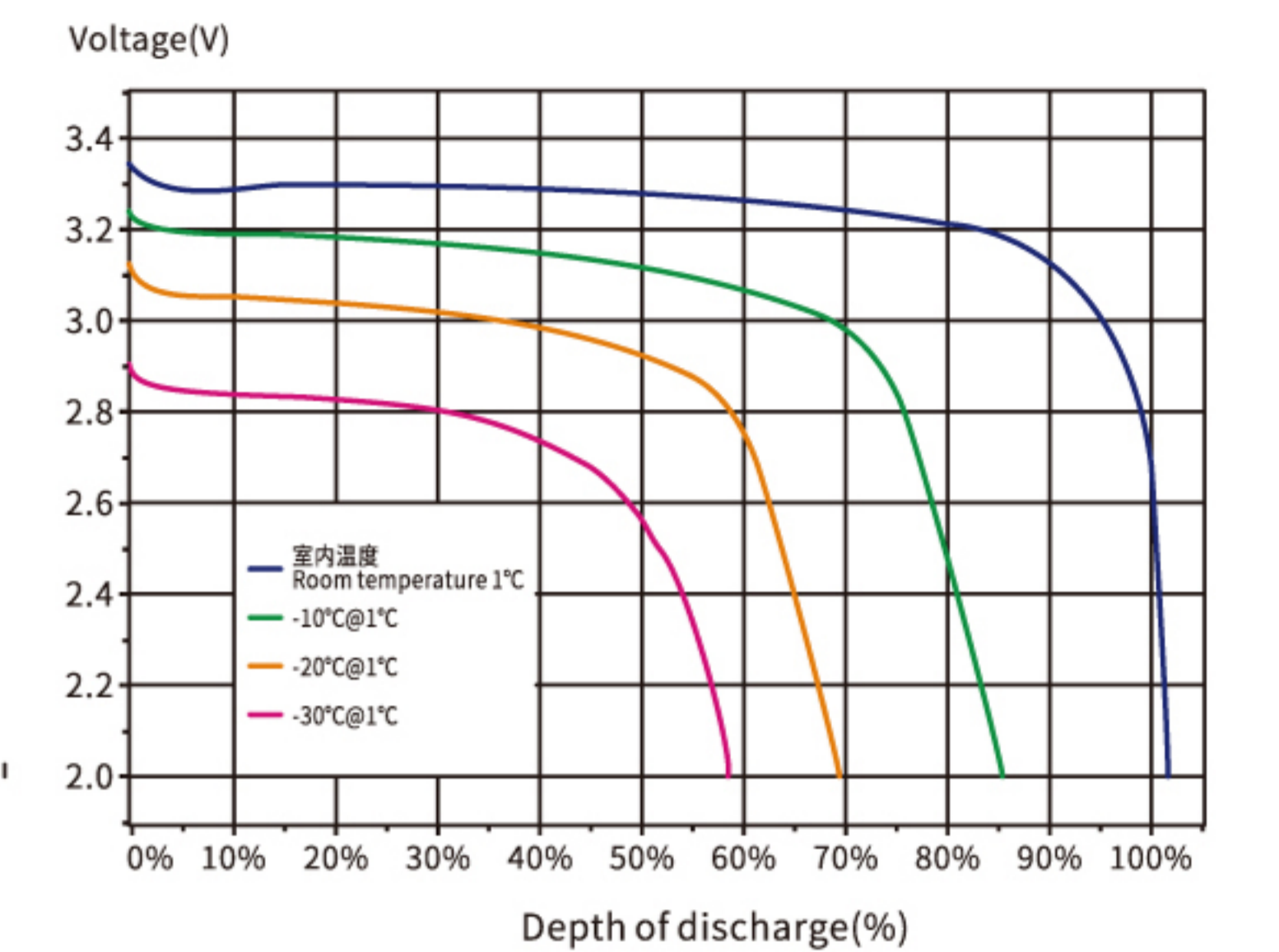
Application area:

- ※ Energy storage system, control system, alarm system, power system, database
- ※ Emergency lighting system, emergency power supply, UPS
- ※ Telecommunication, communication, fire fighting system

(@Different rates)



Typical discharge characteristics at different temperatures



* The curves maybe different according to specific customer requirement

Model	RGBS-48V50AH	RGBS-51.2V50AH	RGBS-48V100AH	RGBS-51.2V100AH	RGBS-48V150AH	RGBS-51.2V150AH
Capacity	2.4KWH	2.56KWH	4.8KWH	5.12KWH	7.2KWH	7.68KWH
Standard Discharging Current	25A	25A	50A	50A	50A	50A
Max Discharging Current	50A	50A	100A	100A	100A	100A
Working Voltage	40.5-54VDC	43.2-57.6VDC	40.5-54VDC	43.2-57.6VDC	40.5-54VDC	43.2-57.6VDC
Standard Voltage	48VDC	51.2VDC	48VDC	51.2VDC	48VDC	51.2VDC
Max Charging Current	25A	25A	50A	50A	75A	75A
Max Charging Voltage	54V	57.6V	54V	57.6V	54V	57.6V
Suggested DOD Model	90%					
Humidity	20-60%					
Installation	Rack mounted or cabinet					
IP Rating	IP20					
Max Number Of Parrallel	16					
Warranty	5 Years					
Communication	CAN/RS485/RS232(WiFi/bluetooth/4G optional)					
Product Size	410*484*122mm		410*484*178mm		590*484*178mm	
Packing Size	510*567*165mm		540*510*270mm		730*544*270mm	
Net Weight	24.5kg	26.5kg	39.5kg	41.5kg	55kg	58kg
Gross Weight	27.05kg	29.05kg	45.5kg	47.5kg	62kg	65kg

