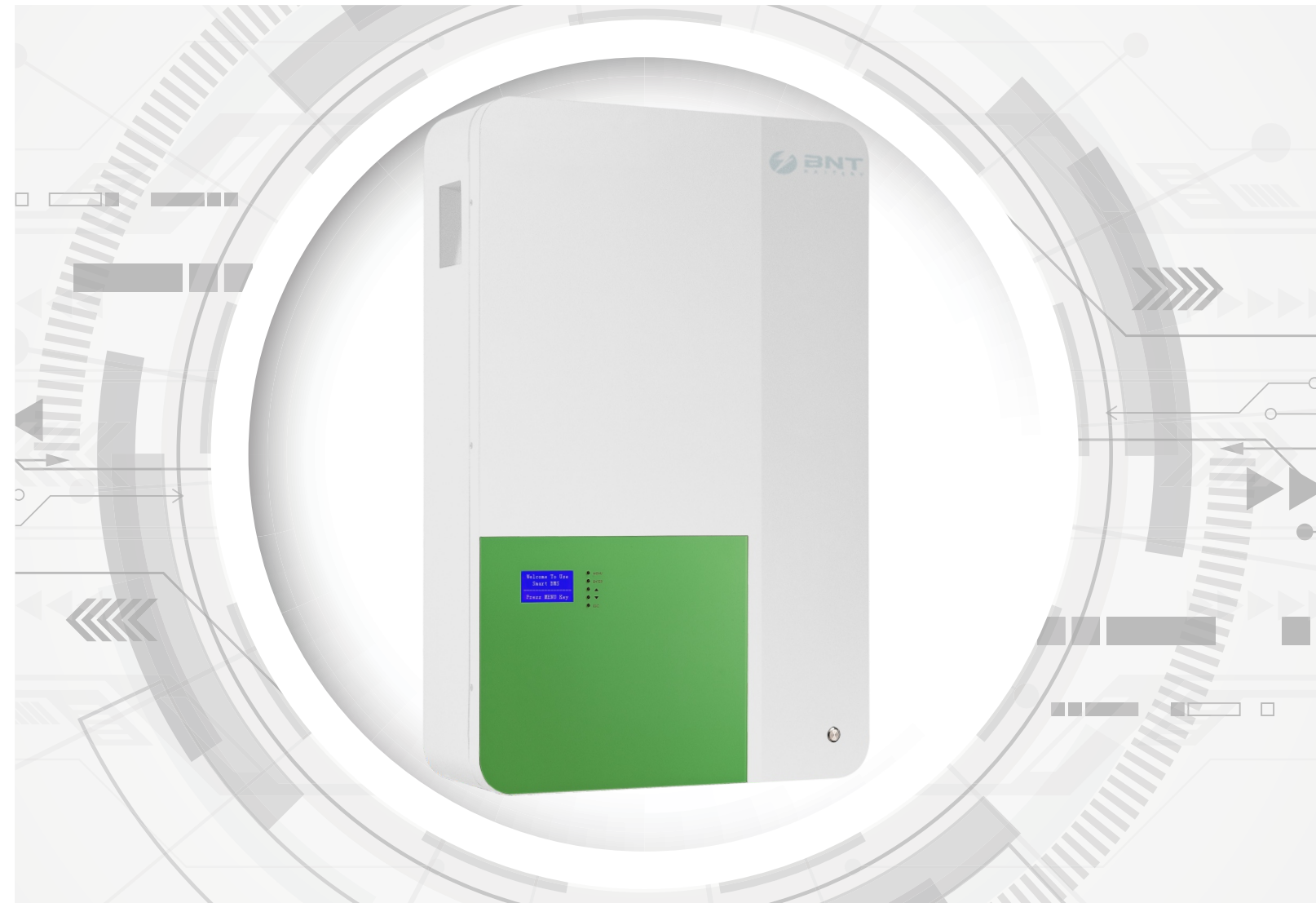


# Lithium-Ion

## Power Wall Energy Storage Solutions

**A smarter way to power your home.**

Zero maintenance. Zero hassles. Maximum Storage Power.





## ABOUT US

XIAMEN BNT BATTERY CO.,LTD is located in Xiamen,Fujian Province,China.Which is a national high-tech enterprise committed to the innovation,R&D,production and sales of lithium battery.With 8 years industry experience,5000m<sup>2</sup> factory area and more than 300 high education employees,BNT battery has in-depth research and application of battery BMS,PACK technology,energy storage technology.

With advanced lithium battery production line,automated production equipment and testing equipment,all BNT products are strictly in accordance with the technological process.BNT lithium batteries are widely used in golf carts, forklifts, aerial working platform,household energy storage,portable energy storage,etc. With certified LiFePO<sub>4</sub> cells and BMS,BNT lithium battery is the safest in the market.Specifically designed to withstand the harsh operating environments of different applications!

BNT Battery is global leader in lithium battery field,BNT Lithium batteries have won the good reputation and praise of customers as the excellent safety, reliability, stability, innovation and other advantages, and win long-term and stable order support in China and abroad.The business has been expanded to the America,Middle East,Africa, Southeast Asia and more than 80 countries and regions.

With Professional technical team, best quality products and services, we sure that BNT BATTERY is your best choice!



Simple , Safe And Reliable For Your Resident .



## Energy Storage LiFePO4 Battery





BNT-SW48100 Lithium Energy Storage Battery



Product introduction

The BNT 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
- ※ A+ battery cell, precise combination
- ※ CAN/RS485/WIFI/4G/Blue tooth communication
- ※ BMS customization supported
- ※ Thick shell, well protection for inside cells

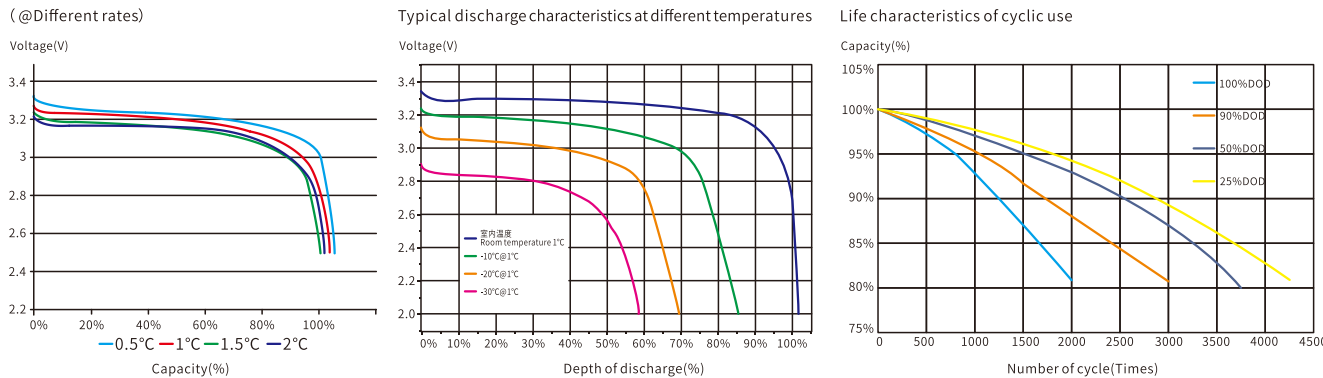
Application area

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

BMS Protection



Performance curve

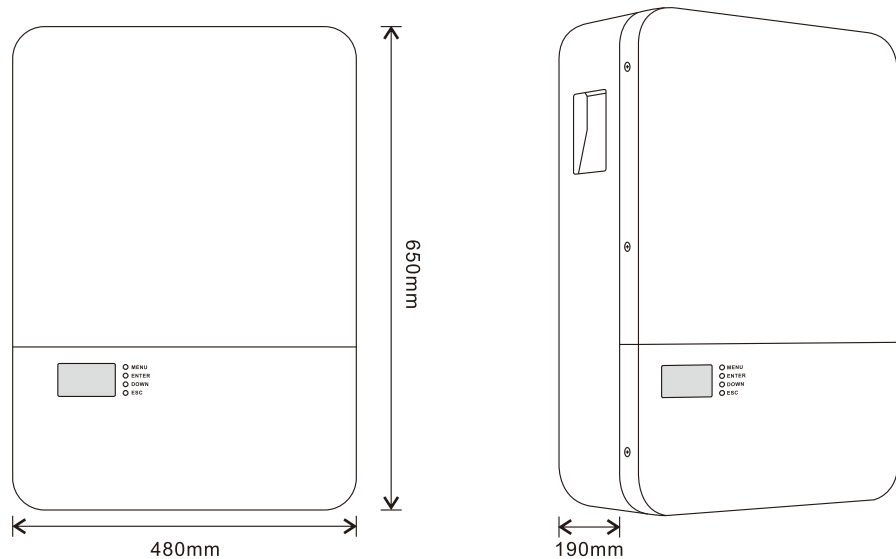


\* The curves maybe different according to specific customer requirement

Products Specification

Model	BNT-SW48100
Capacity	4.8KWH
Normal Discharging Current	50A
Max Discharging Current	100A
Voltage	37.5-54.75VDC
Standard Voltage	48VDC
Max Charging Current	100A
Max Charging Voltage	54.75V
Suggested DOD Model	90%
Humidity	20-60%
Installation	Cabinet or Wall Installation
Cycle	3000 times
IP Rating	IP20
Max Number Of Parrallel	15
Warranty	5 Years
Communication	CAN / RS485 / WIFI / 4G / Blue tooth communication
Size(mm)	650*480*190
Weight	49kg

Product dimensions



BNT-SW48200 Lithium Energy Storage Battery



Product introduction

The BNT 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
- ※ A+ battery cell, precise combination
- ※ CAN/RS485/WIFI/4G/Blue tooth communication
- ※ BMS customization supported
- ※ Thick shell, well protection for inside cells

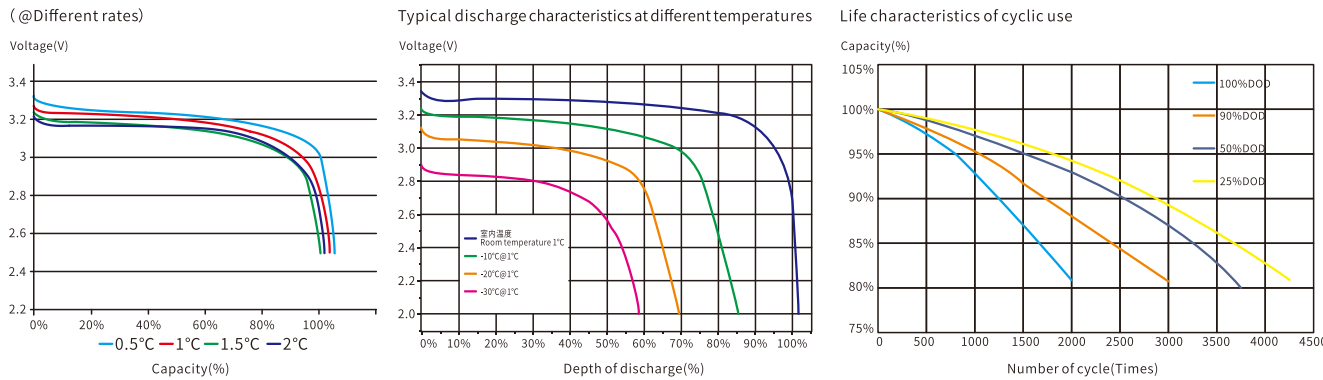
Application area

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

BMS Protection



Performance curve



\* The curves maybe different according to specific customer requirement

Products Specification

Model	BNT-SW48200
Capacity	9.6KWH
Normal Discharging Current	100A
Max Discharging Current	200A
Voltage	37.5-54.75VDC
Standard Voltage	48VDC
Max Charging Current	200A
Max Charging Voltage	54.75V
Suggested DOD Model	90%
Humidity	20-60%
Installation	Cabinet or Wall Installation
Cycle	3000 times
IP Rating	IP20
Max Number Of Parrallel	15
Warranty	5 Years
Communication	CAN / RS485 / WIFI / 4G / Blue tooth communication
Size(mm)	650*480*190
Weight	77kg

Product dimensions

