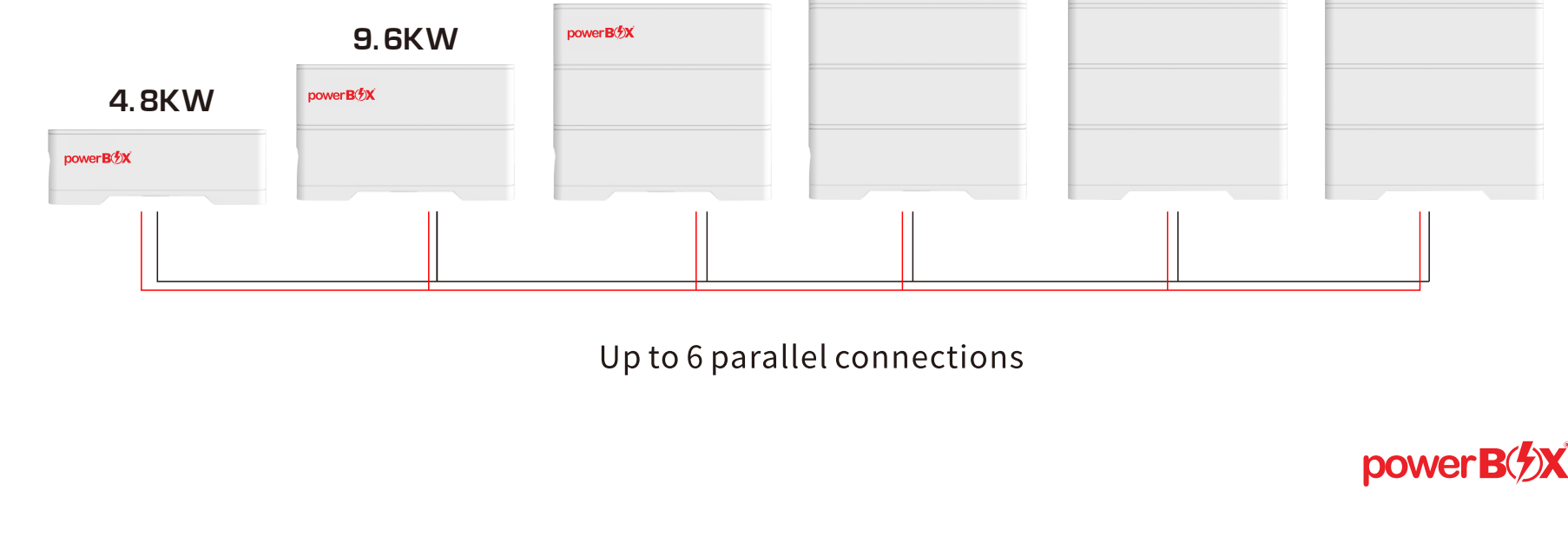


Product characteristics:

- High energy density
- Excellent high and low temperature performance
- High specific energy
- Good safety performance
- Long cycle life
- Fast charging and discharging
- Low self-discharge rate
- The high ratio
- Parallel connection, up to 6
- Large capacity, long endurance
- Can be wall hanging, can be superimposed, save space



Up to 6 parallel connections

PRODUCT PARAMETERS

MODEL	PB48100	PB48200	PB48300	PB48400	PB48500	PB48600
Batteries materials	Lithium iron phosphate					
Series parallel mode (S series, P parallel)	15S1P	15S1P	15S1P	15S1P	15S1P	15S1P
Rate voltage	48V	48V	48V	48V	48V	48V
Rate capacity	100Ah	200Ah	300Ah	400Ah	500Ah	600Ah
Size (mm)	620*460*195	620*460*390	620*460*585	620*460*780	620*460*975	620*460*1170
Weight	48.7kg	97.4kg	146.1kg	194.8kg	243.5kg	292.2kg
Color	Optional					
Parallel support	Parallel terminals are supported					
Output port mode	terminal					
Charging way	CC/CV					
Charging current	0.2C(standard)					
Maximum charging current	Max1C @ 25°C					
Charge cut-off voltage	58.4V					
Discharge way	CC/CP/VP					
Discharge current	1C					
Maximum discharge current	Max1C @ 25°C					
Discharge cut-off voltage	44.8V					
Communication interface	RS485/RS232/CAN					
Charging operating temperature	charging: 0~+50°C					
Discharge operating temperature	discharge: -20~+55°C					
The quality assurance period	60 months					

SAFE AND RELIABLE POWER RELIABLE ELECTRICITY USAGE

High security level
Explosion proof design for automotive grade.

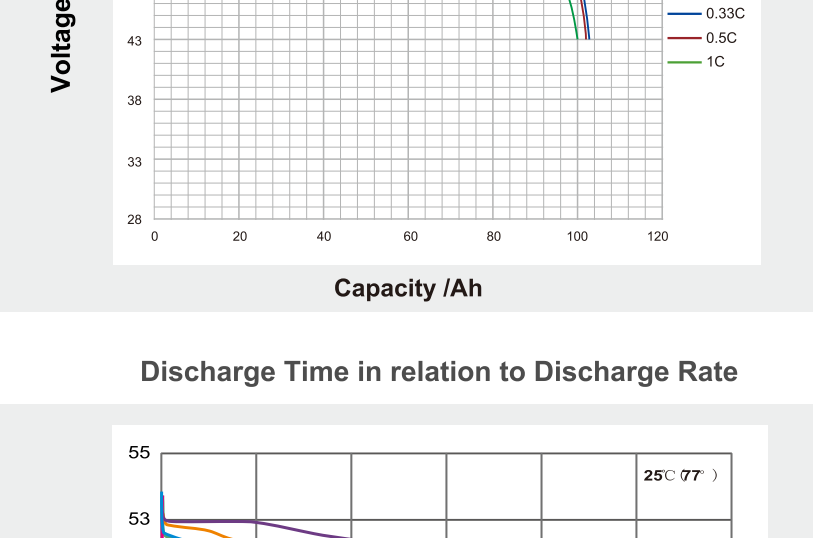
temperature sensor
Continuous monitoring of heat dissipation.

Power outage protection
Multiple fuses provide circuit protection for each module.

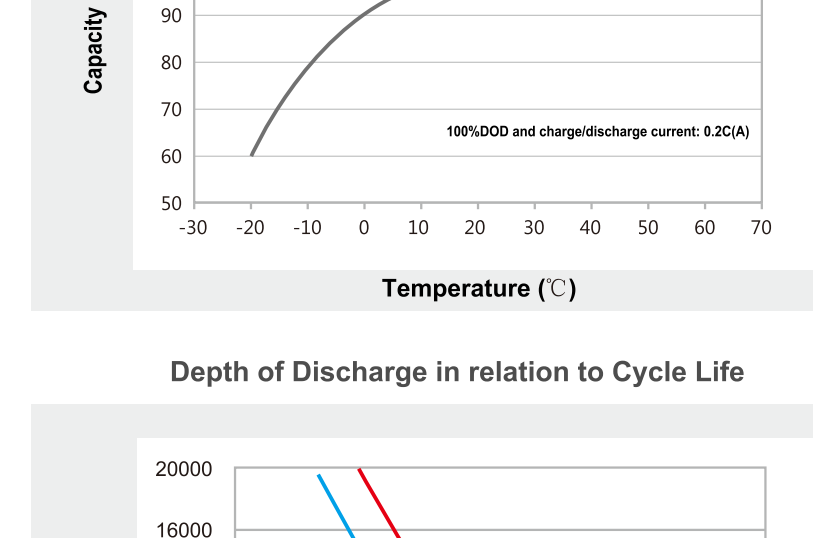
High strength structure
Using flame-retardant materials to provide reliable protective performance.

CHARACTERISTIC CURVES

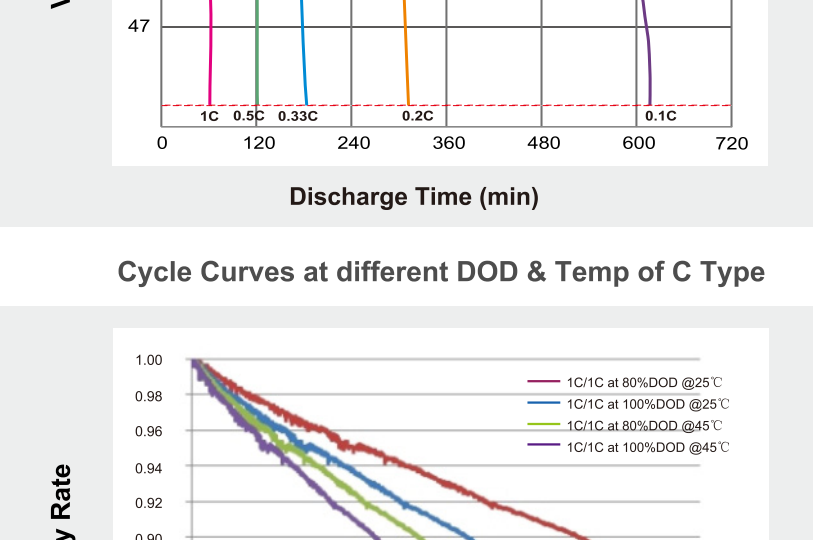
Discharge Capacity in relation to Discharge Rate



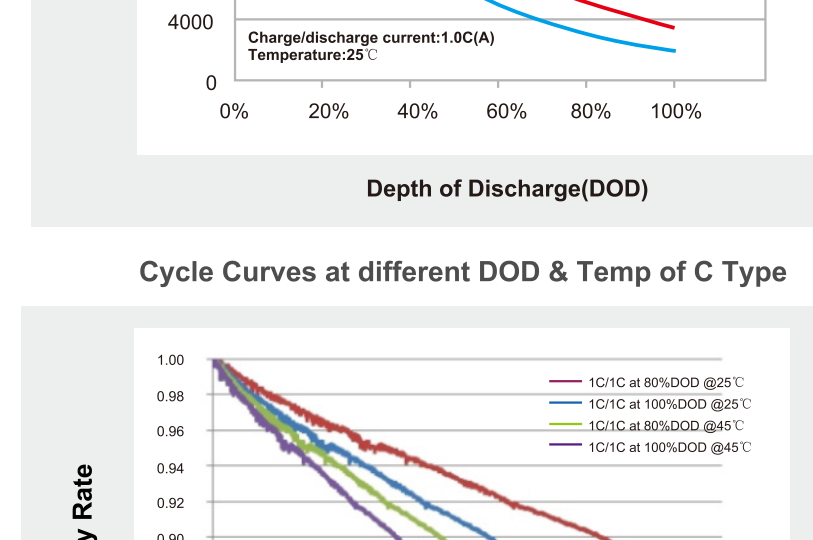
Temperature Effect in relation to Battery Capacity



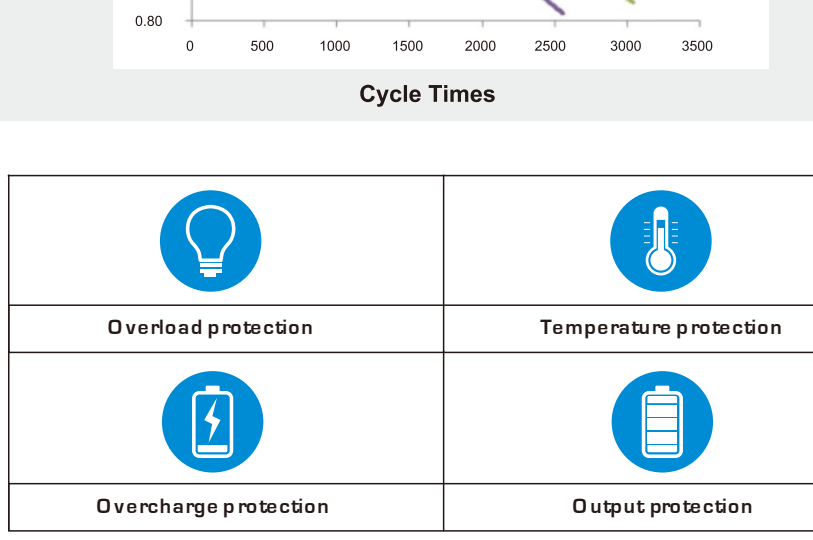
Discharge Time in relation to Discharge Rate



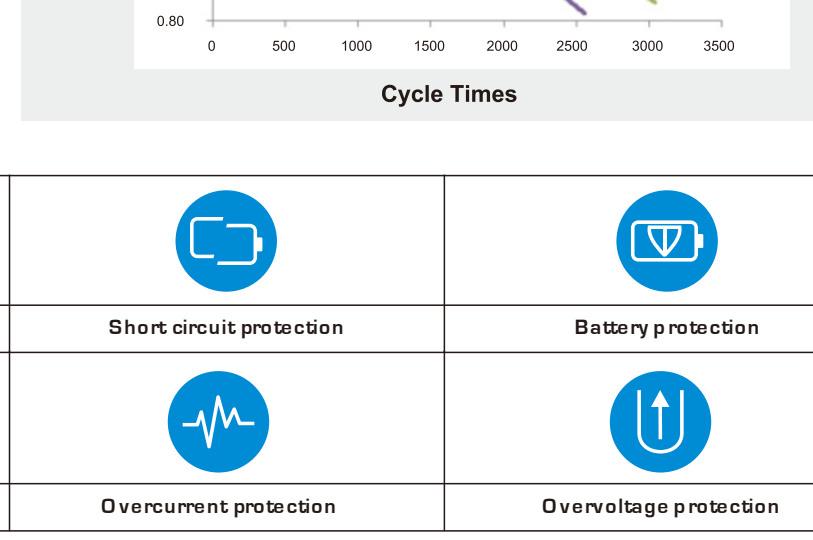
Depth of Discharge in relation to Cycle Life



Cycle Curves at different DOD & Temp of C Type



Cycle Curves at different DOD & Temp of C Type



Overload protection	Temperature protection	Short circuit protection	Battery protection
Overcharge protection	Output protection	Overcurrent protection	Overvoltage protection



High-end Intelligent Power Supply System
Ensure the power supply needs of the whole house

