

# SMART HESS SOLUTION

-- Lithium Battery Pack

▶ BBP-R-5.12kWh



## ▶ Product Features



High rate charge/discharge current @ 100A



Most safety LiFePO<sub>4</sub> as cathode material



Long cyclic life-6000 cycles (80% DOD)  
15 years design life



Free maintenance  
Easy installation



Modular design  
Easy expandability



Self-designed BMS  
International design certification

## ▶ International Design Certification



ISO 9001



ISO 14001



IEC 62619



IEC 62620



CE



UL 1973



UL 1642

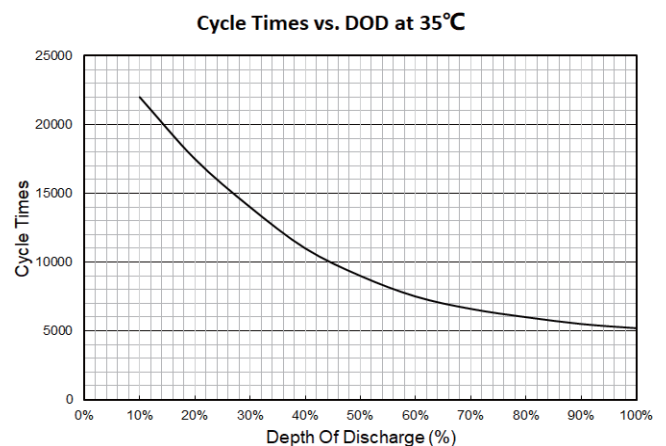
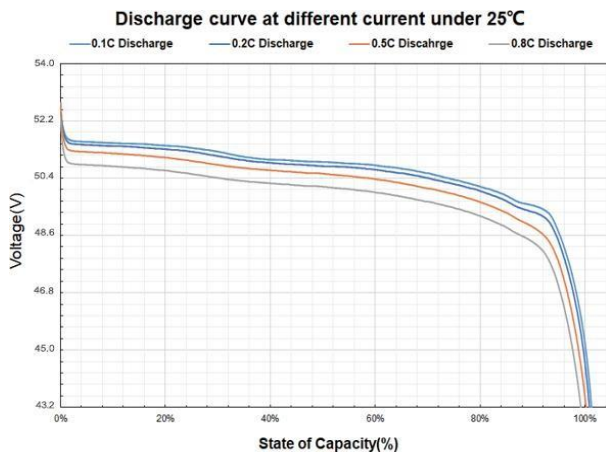


UN38.3

## ▶ TECHNICAL SPECIFICATIONS

Model	BBP-R-5.12kWh
Nominal Capacity	100Ah@0.2C, 25°C
Nominal Voltage	51.2V
Nominal Energy	5.12kWh@0.2C, 25°C
Charge Voltage	56.4V
Standard Charge Current	20A@25°C
Max Continuous Charge Current	100A@25°C
Standard Discharge Current	20A@25°C
Max Continuous Discharge Current	100A@25°C
Discharge Cut-off Voltage	43.2V
Dimensions (L*W*H)	445*450*132.5mm
Weight	46kg
Operating Temperature	Charge: 0~+60°C Discharge: -20~+60°C
Allowed Humidity Range	≤95% RH approx.
IP	IP20

## ▶ TECHNICAL CURVES



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