

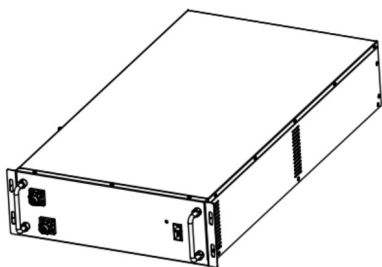
Overview

Vision Technology provides safe LiFePO4 battery solutions for UPS and Energy storage system. This battery system serves for UPS and Energy storage system with perfect compatibility and safe long cycle life.

Features

- Internal cell balancing ,Passive equalization , the maximum equalization current up to 200mA;
- High-precision cell voltage and temperature acquisition:±3mv,±1C;
- Automatic circulation control and automatic, easy to realize parallel machine use;
- Fire extinguision device in the module, 7*24H all-weather fire;
- IBB integrated bus design in the module realizes the cell string without screws and cables;
- Full state management, 100% real-time cell management and functional device control;
- High-precision leakage detection to prevent insulation failure and ensure system reliability.

Module Preview



Module 51.2V60Ah

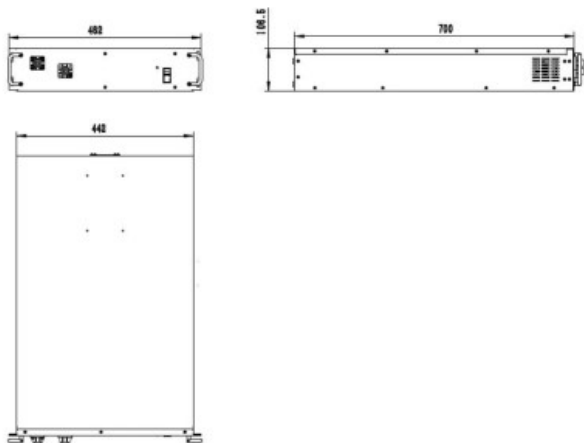
Performance Data

Time(min)	30	45	60	90	120
Constant Power(kw)	45	33.7	24.5	18	13.5
Constant Current(A)	120	90	60	45	30

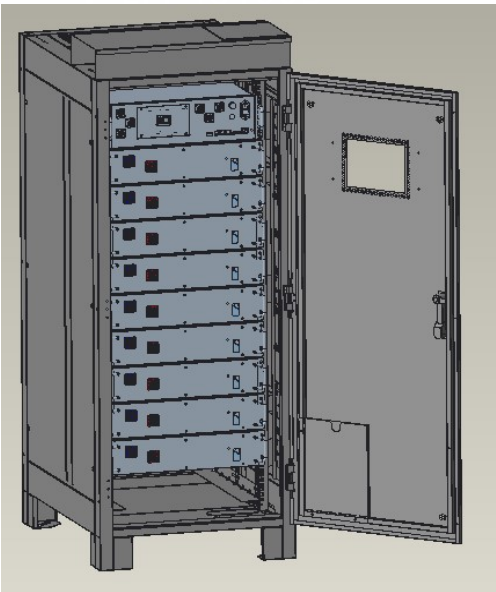
Rack Specification

Voltage Range(V)	403.2~496.8
Cell	3.2V60Ah
Series & Parallels	144S1P
Rated Voltage(V)	460.8
Rated Capacity(Ah)	60
Rated Energy(kWh)	27.64
Recommended Charging Current(A)	12~30
Discharge cut-off Voltage(V)	403.2
Charge Voltage(V)	489.6 ~ 496.8
Cycle Life(@25°C ,0.5C/0.5C,100%DOD)	> 2000
Short-circuit Current(< 10ms)	Approx.5000
System Dimension(W* D* H)	(600*1000*1500) mm
Total Weight(Kg)	Approx. 361
Internal Resistance Fully Charged@ 25C	≤72 mΩ
Thermal Management	Air Cooling
Charge Temperature	0 ~ 50 °C
Discharge Temperature	-20 ~ 65°C
Operating Humidity	< 95%R.H.
Communication	CAN/RS485/TCP
System Parallels	≤15(GBMS)
Dry Contact	3 outputs, 1 input
Design life	15 years

Module size

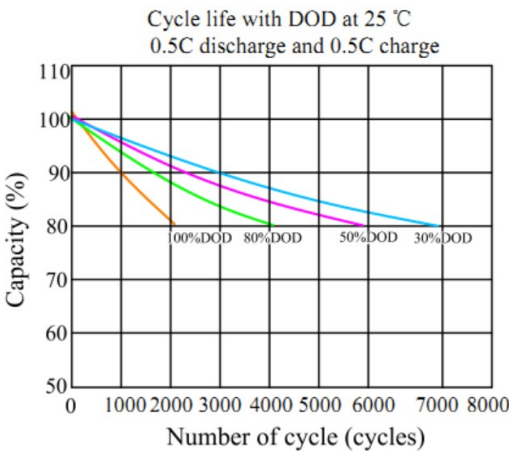
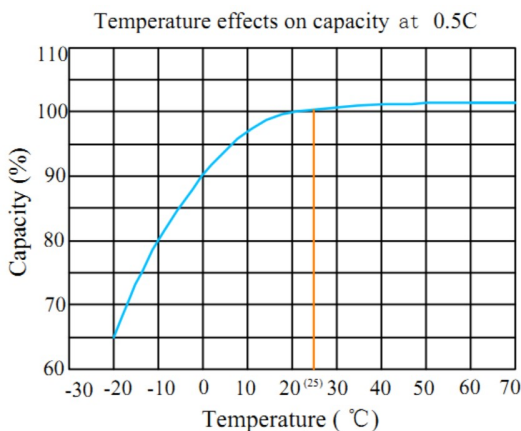
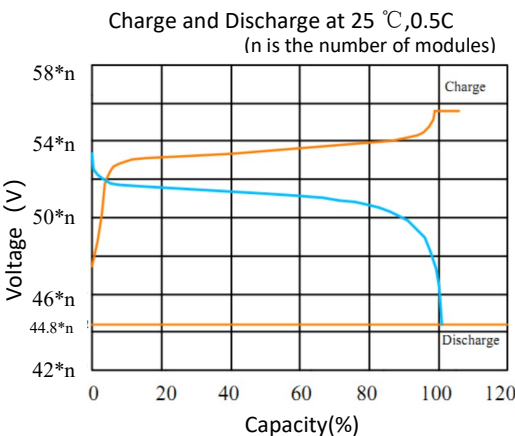
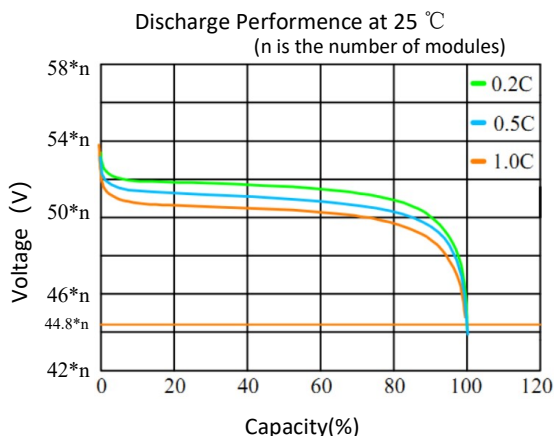


Rack



Rack 460.8V60Ah

Characteristics Curve



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Call +86-755 6685 1118
Fax +86-755 6685 0678
E-Mail sales@vision-batt.com
Website www.vision-batt.com



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