

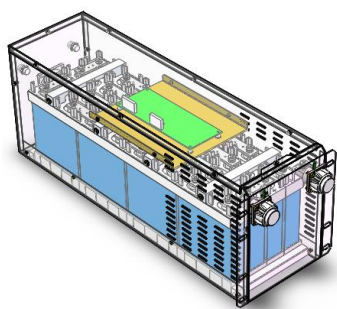
Overview

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.

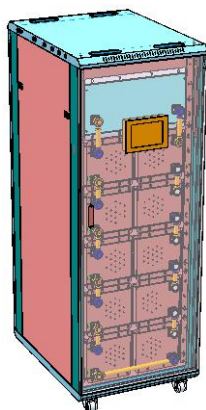
Features

- Can Communication output for monitoring
- Achieve up 32 BMU in cascade communication
- Internal cell balancing ,Passive equalization , the maximum equalization current up to 300mA
- High-precision cell voltage and temperature acquisition: $\pm 5\text{mv}$, $\pm 2^{\circ}\text{C}$;
- Fan control circuit and interface, realize heat dissipation inside the module

Design Preview



48V 50Ah



480V 50Ah

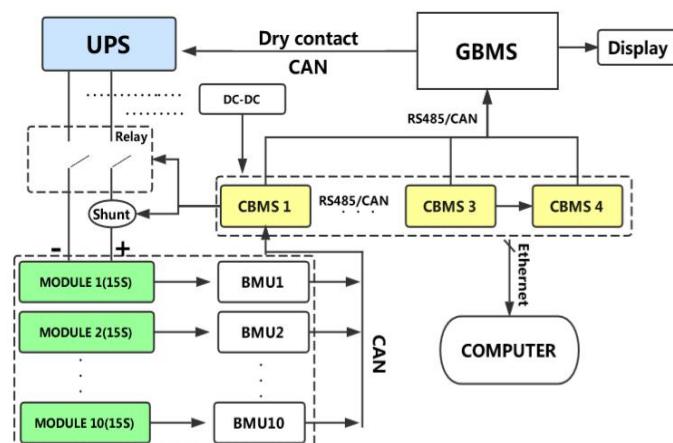
Performance Data

Time	10min	15min	30min	1h	2h
Constant Power/KW	/	388.9	196.9	100.4	50.6
Constant Current/A	/	800	400	200	100

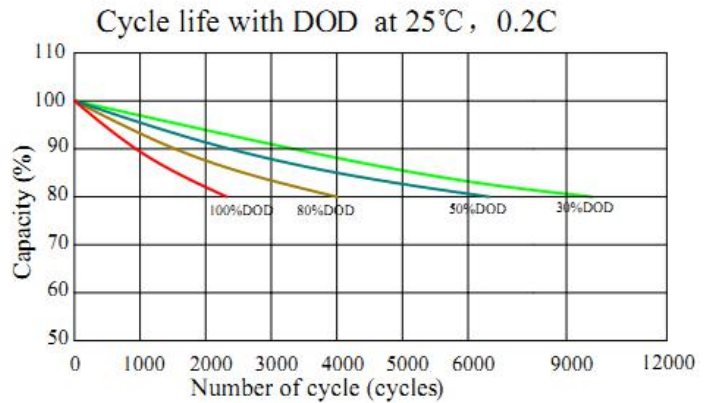
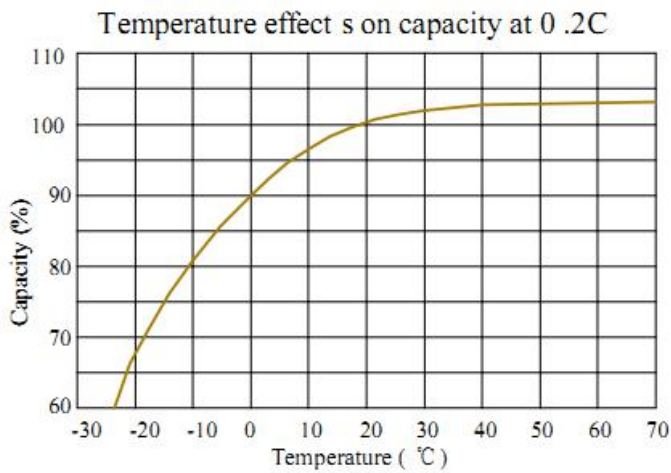
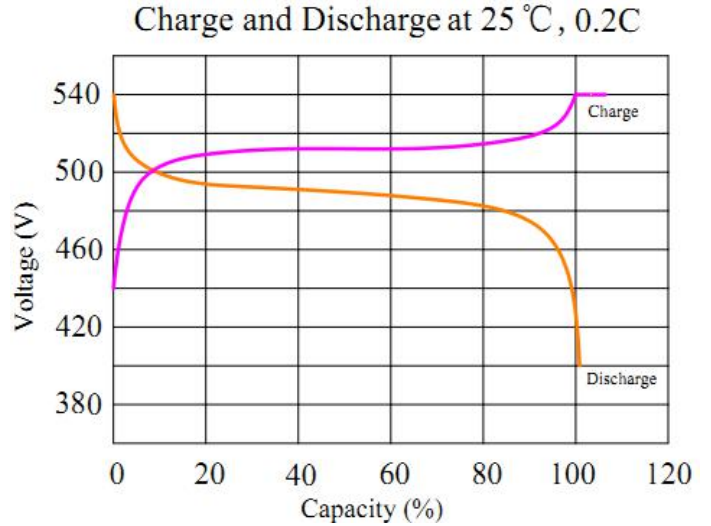
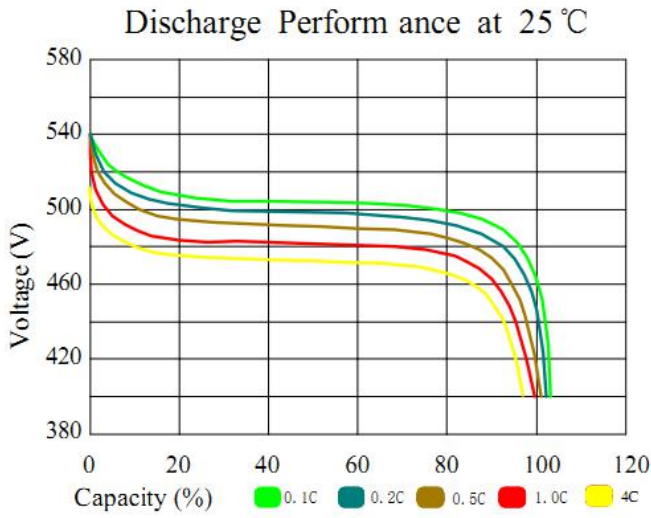
System Specification

Voltage Range(V)	400~576
Battery model	3.2V50Ah
Rated Voltage(V)	480
Rated Capacity(Ah)	200Ah
Rated Energy(KWh)	96
Maximum Output Power(KVA)	410
Maximum Discharge Current(A)	1000
Maximum Charge Current(A)	200
Backup time	$\geq 15\text{min}$
Operating temperature	$-20 \sim 60^{\circ}\text{C}$
Rack Dimension(W* D* H)	600*800*1700 mm
Total Weight(Kg)	Approx. 1280
Thermal Management	Air cooling
Operating temperature	$-20 \sim 60^{\circ}\text{C}$
Certified	CE/ROHS/UN38.3

System Framework graph



Characteristics Curve



Design graph

