

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:±5mv,±2°C;
- Fan control circuit and interface, realize heat dissipation inside the module

Rack Preview



Module 48V100Ah



Rack 480V100Ah

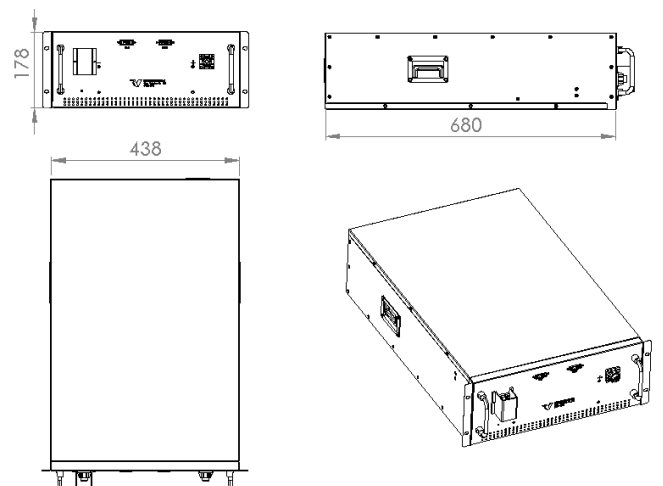
Performance Data

Time(min)	>5	>10	15	30	60	120
Constant Power(kw)	221.7	210.6	197.4	99.2	49.8	24.9
Constant Current(A)	450	425	400	200	100	50

System Specification

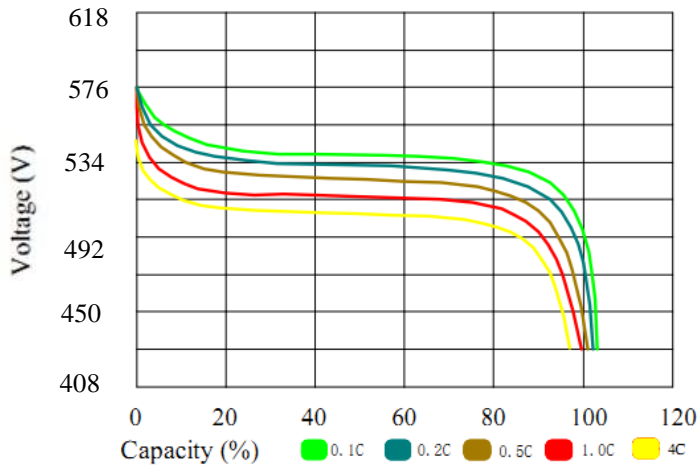
Voltage Range(V)	400~576
Cell	3.2V50Ah
Rated Voltage(V)	480
Rated Capacity(Ah)	100Ah
Rated Energy(KWh)	48
Maximum Output Power(KVA)	160
Maximum Discharge Current(A)	400
Maximum Charge Current(A)	100
Backup time	15min
Operating temperature	-20 ~ 60°C
Rack Dimension(W* D* H)	600*800*2250 mm
Total Weight(Kg)	Approx. 650
Thermal Management	Air cooling
Operating temperature	-20 ~ 60°C
Certified	CE/ROHS/UN38.3

System size

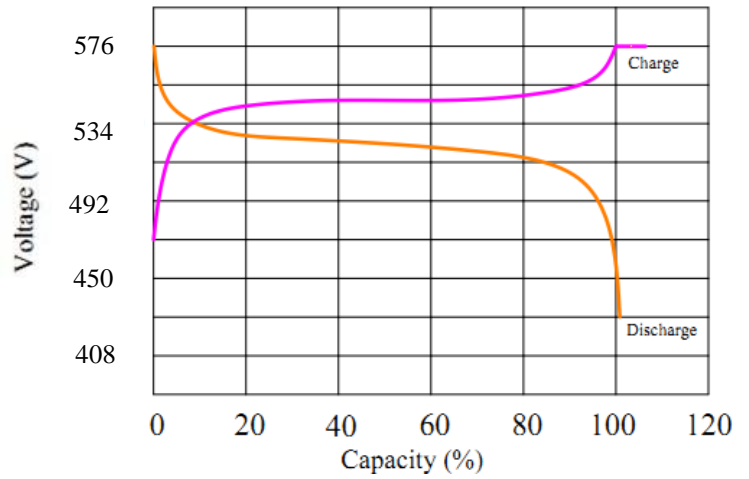


Characteristics Curve

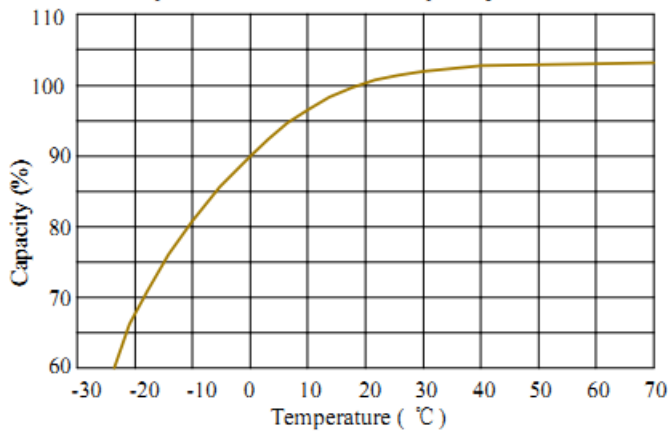
Discharge Performance at 25 °C



Charge and Discharge at 25 °C, 0.2C



Temperature effects on capacity at 0.2C



Cycle life with DOD at 25 °C, 0.2C

