

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

Rack Preview



Module 48V150Ah



Rack 480V150Ah

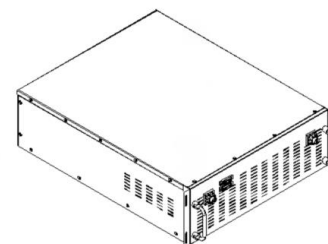
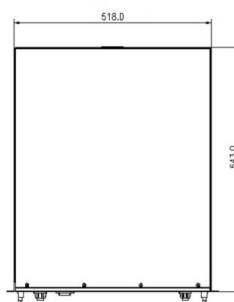
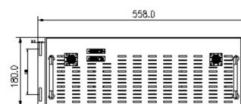
Performance Data

Time(min)	>5	>10	15	30	60	120
Constant Power(kw)	332.8	315.5	296.3	148.7	74.62	37.36
Constant Current(A)	675	637	600	300	150	75

System Specification

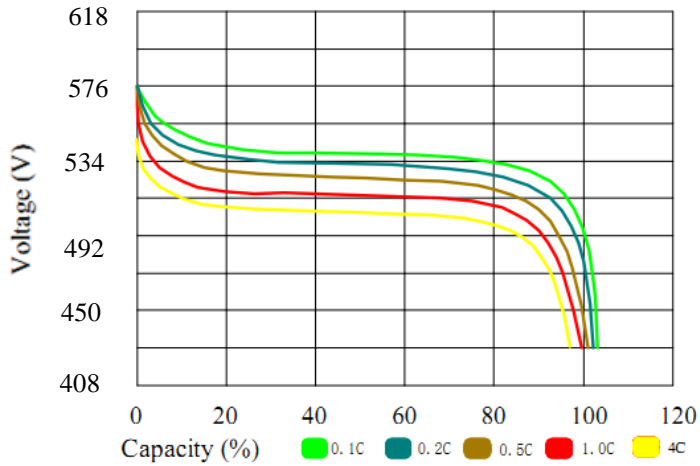
Voltage Range(V)	400~576
Cell	3.2V50Ah
Rated Voltage(V)	480
Rated Capacity(Ah)	150Ah
Rated Energy(KWh)	72
Maximum Output Power(KVA)	240
Maximum Discharge Current(A)	650
Maximum Charge Current(A)	150
Backup time	15min
Operating temperature	-20 ~ 60°C
Rack Dimension(W* D* H)	600*800*2350 mm
Total Weight(Kg)	Approx. 900
Thermal Management	Air cooling
Operating temperature	-20 ~ 60°C
Certified	CE/ROHS/UN38.3

System size

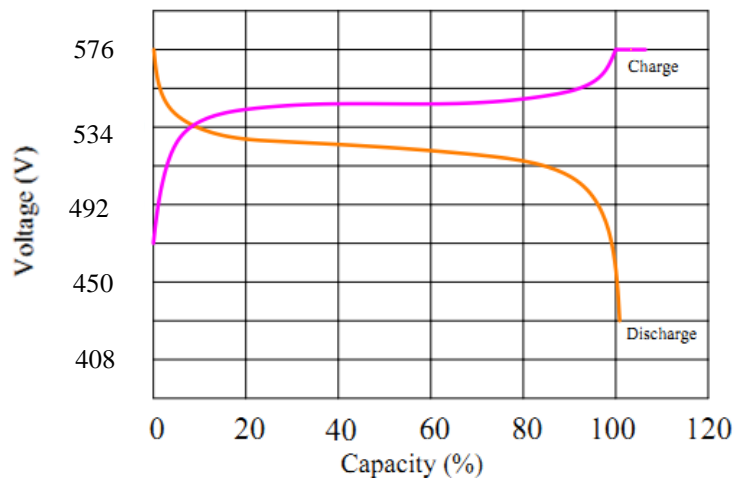


Characteristics Curve

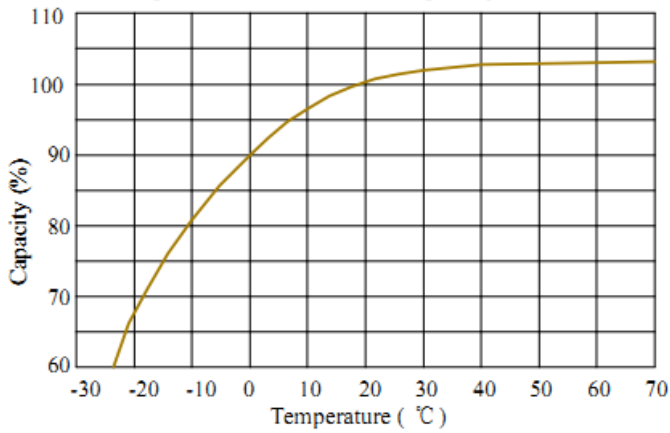
Discharge Performance at 25 °C



Charge and Discharge at 25 °C, 0.2C



Temperature effects on capacity at 0.2C



Cycle life with DOD at 25 °C, 0.2C

