

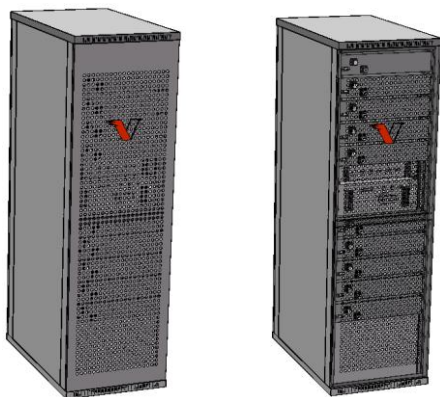
Overview

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/RS485 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: $\pm 5\text{mv}$, $\pm 1^\circ\text{C}$;
- Fan control circuit and interface, realize heat dissipation inside the module

Rack Preview



Rack 512V100Ah

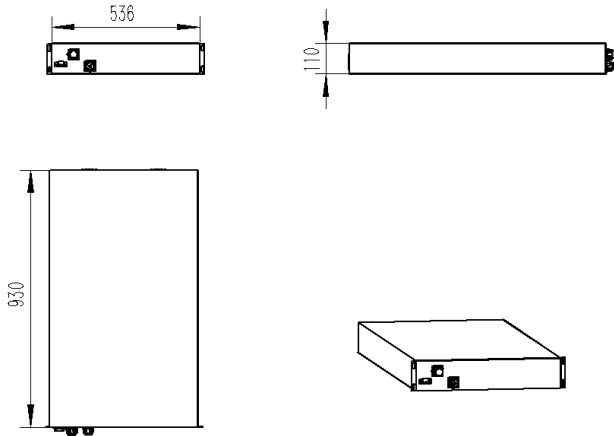
Performance Data

Time(min)		15	30	60	120
Constant Power(kw)		197.25	98.85	49.64	24.79
Constant Current(A)		400	200	100	50

System Specification

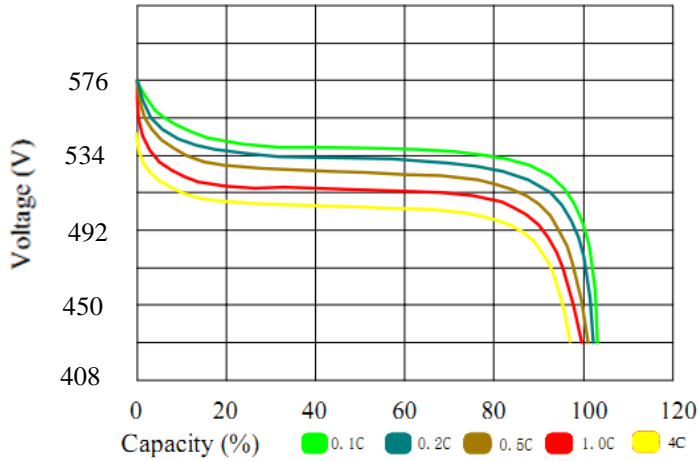
Voltage Range(V)	400~576
Cell	3.2V50Ah
Series & Parallels	160S2P
Rated Voltage(V)	512
Rated Capacity(Ah)	100
Rated Energy(KWh)	51.2
Maximum Output Power(KVA)	100
Maximum Discharge Current(A)	600
Maximum Charge Current(A)	100
Discharge cut-off voltage(V)	400
Charge input voltage(V)	576
Backup time	15min
Cycle life	>2000
Rack Dimension(W* D* H)	600*1000*2000 mm
System Dimension(W* D* H)	/
Total Weight(Kg)	Approx. 600
Thermal Management	Air cooling
Operating temperature	-20 ~ 65°C
Operating humidity	60 \pm 25%R.H.
Certified	UL/CE/UN38.3
Communication	CAN/RS485
Dry Contact	optional
System parallels	<6
Screen	optional

Module size

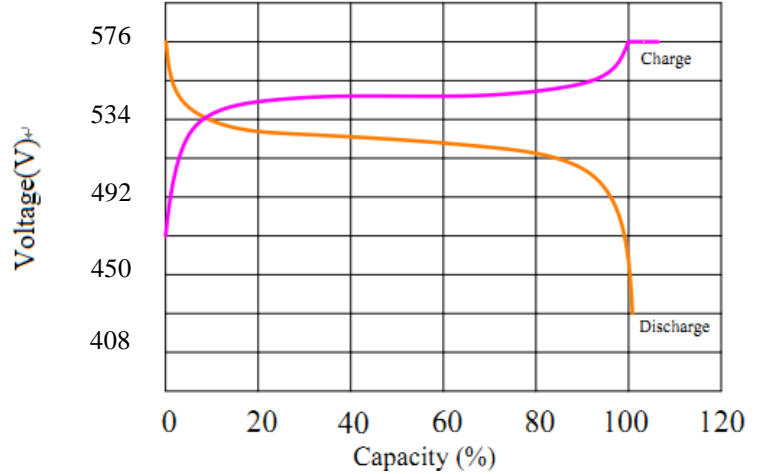


Characteristics Curve

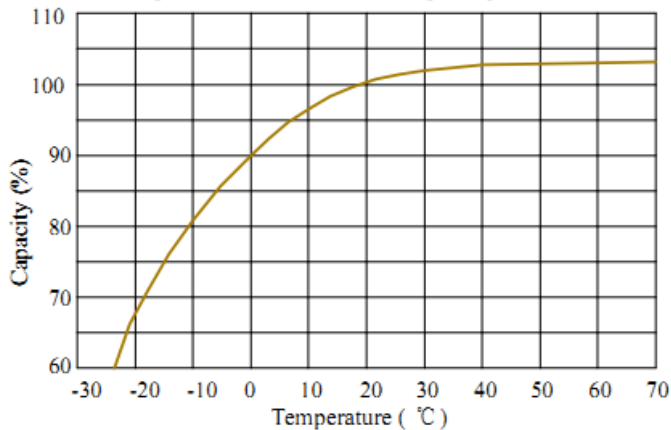
Discharge Performance at 25 °C



Charge and Discharge at 25 °C, 0.2C



Temperature effects on capacity at 0.2C



Cycle life with DOD at 25 °C, 0.2C

