

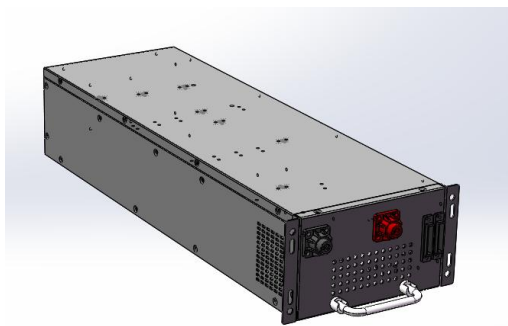
## Overview

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



Module 51.2V20Ah

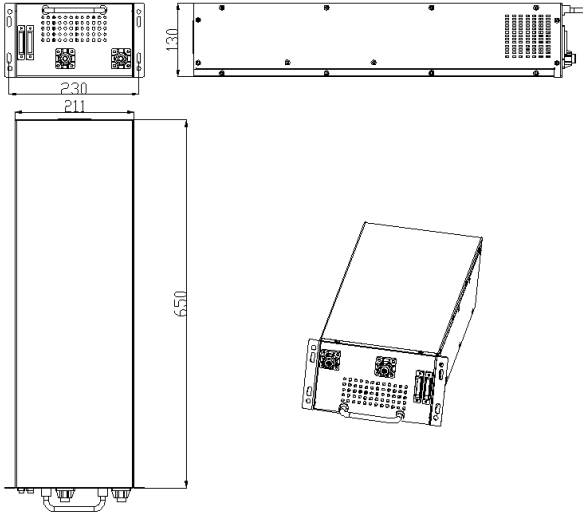
## Performance Data

Time(min)	>5	10	15	30	60	120
Constant Power(kw)	95	57	39.3	19.7	10	5
Constant Current(A)	200	120	80	40	20	10

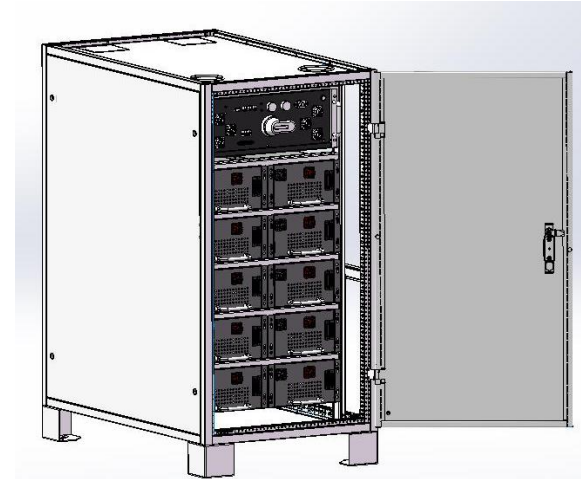
## System Specification

<b>Voltage Range(V)</b>	<b>400~576</b>
Cell	3.2V20Ah
Series & Parallels	160S1P
Rated Voltage(V)	512
Rated Capacity(Ah)	20
Rated Energy(KWh)	10.2
Maximum Output Power(Kw)	95
Maximum Discharge Current(A)	200
Maximum Charge Current(A)	20
Discharge cut-off voltage(V)	400~448
Max Charge voltage(V)	568~576
Backup time	>5min
Cycle life(@25°C,1C/1C,100%DOD)	>2500
Module Dimension(W* D* H)	211*650*130 mm
Rack Dimension(W* D* H)	600*1000*1200mm
Total Weight(Kg)	Approx.360
Thermal Management	Air cooling
Operating temperature	-20 ~ 65°C
Operating humidity	60 ±25%R.H.
Certified	UL/CE/UN38.3
Communication	CAN/RS485
Dry Contact	optional
Screen	optional

## Module size

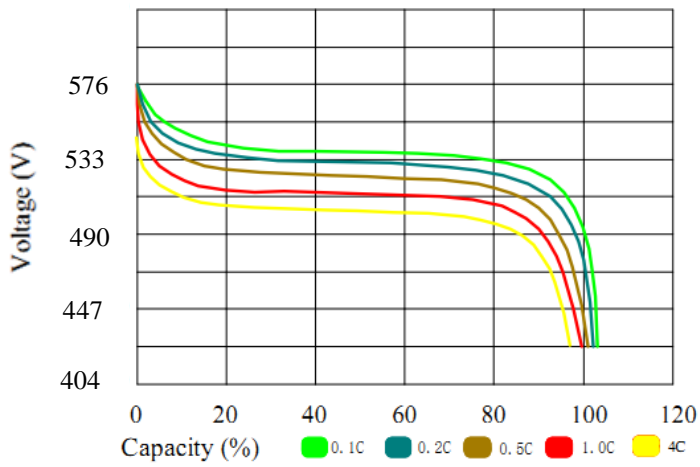


## Solution Preview

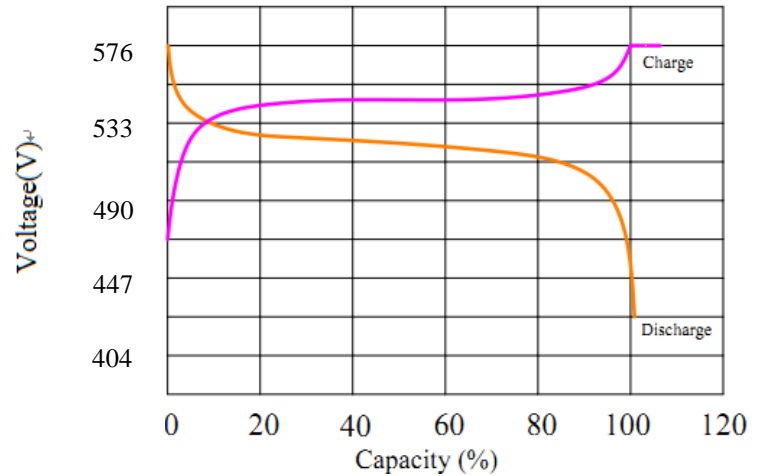


## Characteristics Curve

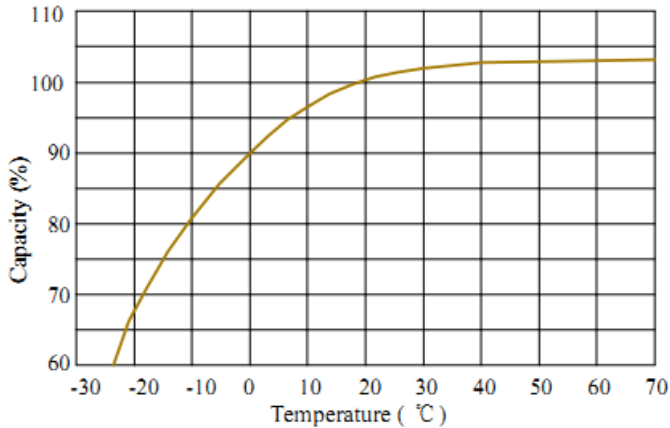
Discharge Perform ance at 25 °C



Charge and Discharge at 25 °C , 0.2C



Temperature effect s on capacity at 0.2C



Cycle life with DOD at 25°C , 0.2C

