

## 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

- RS485 Communication output for monitoring
- Internal cell balancing ,Passive equalization , the maximum equalization current up to 300mA
- High-precision cell voltage and temperature acquisition:  $\pm 5\text{mv}$ ,  $\pm 1^\circ\text{C}$ ;

## Design Preview



204.8V100Ah

## Performance Data

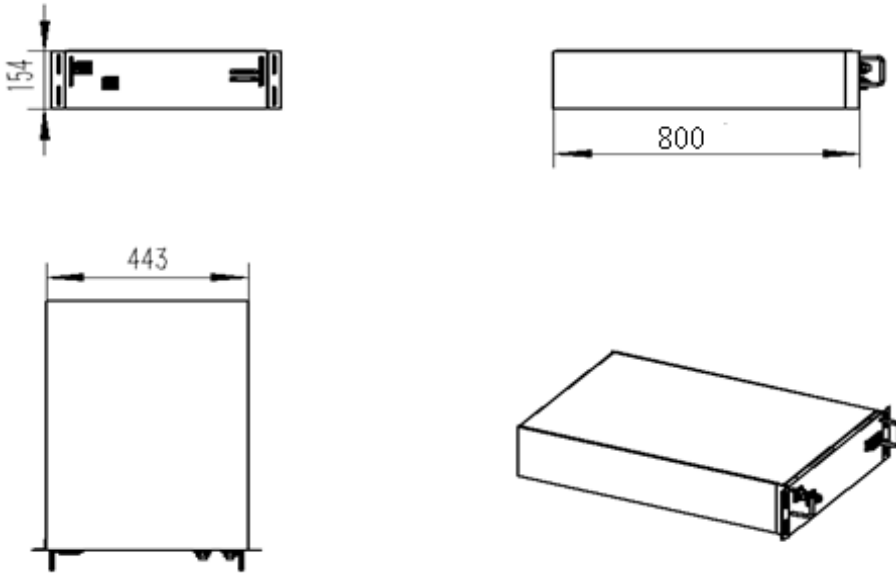
Time(min)	60	120	180	240	360
Constant Power(kw)	20.4	10.2	6.8	5.1	3.4
Constant Current(A)	100	50	33.3	25	16.7

## System Specification

<b>Voltage Range(V)</b>	<b>160~233.6</b>
Cell	3.2V50Ah
Series & Parallels	64S2P
Rated Voltage(V)	204.8
Rated Capacity(Ah)	100
Rated Energy(KWh)	20.4
Maximum Output Power(Kw)	40.8
Maximum Discharge Current(A)	200
Maximum Charge Current(A)	50
Discharge cut-off voltage(V)	160
Charge input voltage(V)	233.6
Backup time	> 30min
Cycle life(1C/1C,100%DOD@25°C)	> 2500
Module Dimension(W* D* H)	443*800*154mm
System Dimension(W* D* H)	525*800*1040mm
Total Weight(Kg)	Approx. 270
Thermal Management	Air cooling
Operating temperature	-20 ~ 65°C
Operating humidity	60±25%R.H.
Certified	UL/CE/UN38.3

Communication	RS485
Dry Contact	optional

## Module size



## Characteristics Curve

