

## 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:  $\pm 3\text{mv}$ ,  $\pm 1^\circ\text{C}$ ;
- Fan control circuit and interface, realize heat dissipation inside the module

## Module Preview



Module 51.2V50Ah

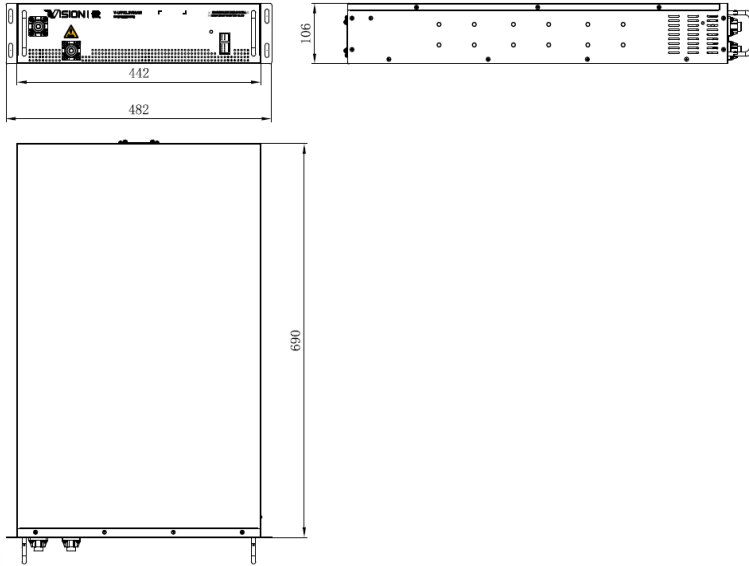
## Performance Data

Time(min)	10	15	30	45	60
Constant Power(kw)	159.6	130.2	68.8	45.9	35.1
Constant Current(A)	245	200	100	66.7	50

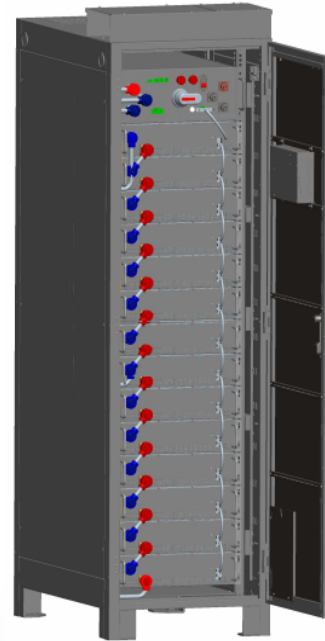
## Rack Specification

<b>Voltage Range(V)</b>	627.2~772.8
Cell	3.2V50Ah
Series & Parallels	224S1P
Rated Voltage(V)	716.8
Rated Capacity(Ah)	50
Rated Energy(KWh)	35.84
Maximum Charge Current(A)	50
Discharge Cut-off Voltage(V)	627.2
Charge Voltage(V)	761.6~ 772.8
Cycle life(@25°C,1C/1C,100%DOD)	>2500
Short-circuit Current( < 10ms)	Approx.5500A
System Dimension(W* D* H)	(600*1000*2000 ) mm
Total Weight(Kg)	Approx.690
Internal Resistance Fully Charged@ 25	135mOhms
Thermal Management	Air Cooling
Operating Temperature	Charge 0 ~ 50
	Discharge -20 ~ 65
Operating Humidity	< 95%R.H.
Communication	CAN/RS485
Dry Contact	Y
System Parallels	15(GBMS)
	> 15(GBMS+IPC)
Screen	Optional

## Module size



## Rack



## Characteristics Curve

Rack TP140(S)

TP140S-with LCD TP140-without LCD

