

## 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

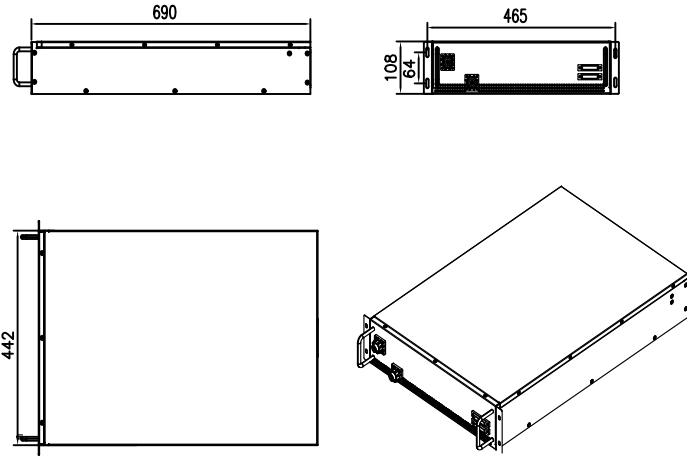
## Performance Data

Time(min)	10	15	30	45	60
Constant Power(kw)	136.8	111.6	59.0	39.3	30.1
Constant Current(A)	245	200	100	66.7	50

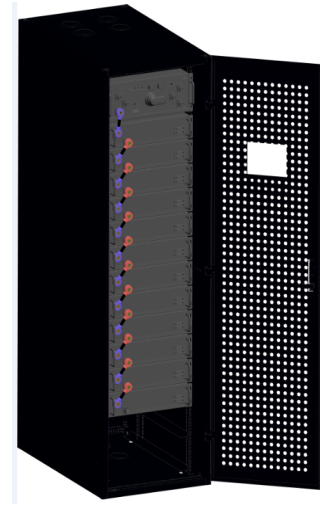
## Rack Specification

<b>Voltage Range(V)</b>	<b>537.6~700.8</b>	
Cell	3.2V50Ah	
Series & Parallels	192S1P	
Rated Voltage(V)	614.4	
Rated Capacity(Ah)	50	
Rated Energy(KWh)	30.72	
Maximum Charge Current(A)	50	
Discharge cut-off voltage(V)	537.6	
Charge voltage(V)	672 ~ 700.8	
Cycle life(@25 °C,1C/1C,100%DOD)	>2500	
Short-circuit Current(A) ( < 10ms)	Approx. 5200A	
System Dimension(W* D* H)	(600*1000*2000 ) mm	
Total Weight(Kg)	Approx.620	
Internal Resistance Fully Charged@ 25	120mOhms	
Thermal Management	Air cooling	
Operating temperature	Charge	0 ~ 50 °C
	Discharge	-20 ~ 65 °C
Operating humidity	60 ± 25%R.H.	
Communication	CAN/RS485	
Dry Contact	Y	
System parallels	15	
Screen	optional	

## Module size



## Rack



Rack TP120(S)

TP120S-with LCD TP120-withou LCD

## Characteristics Curve

