

## 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 51.2V40Ah

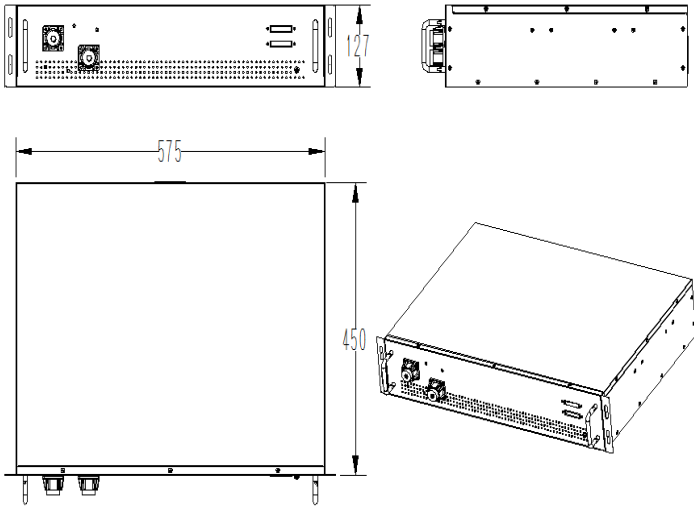
## Performance Data

Time(min)	5	10	15	20	30
Constant Power(kw)	240	142	95	71	48
Constant Current(A)	400	240	160	120	80

## Rack Specification

<b>Voltage Range(V)</b>	<b>537.6~ 700.8</b>	
Cell	3.2V20Ah	
Series & Parallels	192S2P	
Rated Voltage(V)	614.4	
Rated Capacity(Ah)	40	
Rated Energy(KWh)	24.5	
Maximum Charge Current(A)	40	
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 ( < 10ms)	Approx.8700A	
System Dimension(W* D* H)	(600*1000*2300 ) mm	
Total Weight(Kg)	Approx.680	
Internal Resistance Fully Charged@ 25	70mOhms	
Thermal Management	Air cooling	
Operating temperature	charge	0 ~ 50
	discharge	-20 ~ 65
Operating humidity	60 ± 25%R.H.	
Communication	CAN/RS485	
Dry Contact	Y	
System parallels	15	
Screen	optional	

## Module size



## Rack



Rack TPH240(S)

TPH240S-with LCD TPH240-without LCD

## Characteristics Curve

