

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

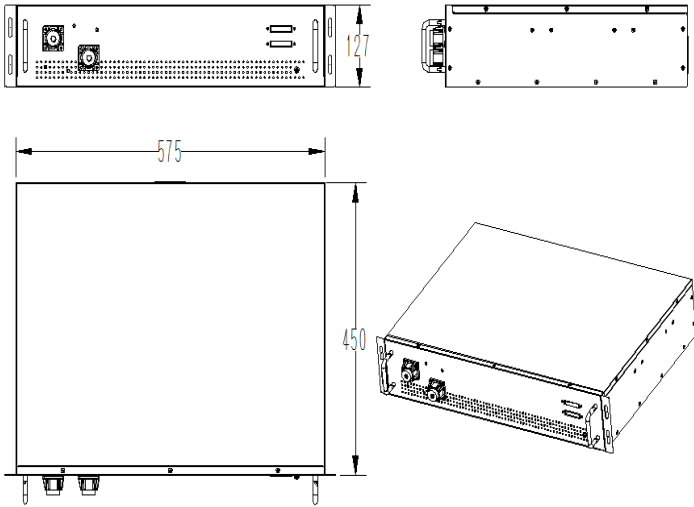
Performance Data

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

Voltage Range(V)	537.6~ 700.8
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

