

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 51.2V60Ah

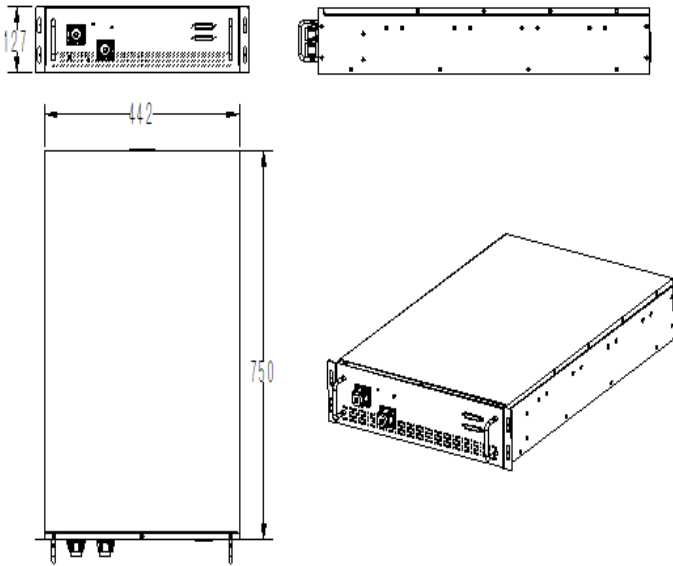
Performance Data

Time(min)	5	10	15	20	30
Constant Power(kw)	265	168	114.4	81.5	59
Constant Current(A)	600	360	240	180	120

Rack Specification

Voltage Range(V)	448~584	
Cell	3.2V20Ah	
Series & Parallels	160S3P	
Rated Voltage(V)	512	
Rated Capacity(Ah)	60	
Rated Energy(KWh)	30.72	
Maximum Charge Current(A)	60	
Discharge cut-off voltage(V)	448	
Charge voltage(V)	560 ~ 584	
Cycle life(@25°C,1C/1C,100%DOD)	>2500	
Short-circuit current (< 10ms)	Approx.12200A	
System Dimension(W* D* H)	(600*1000*2000) mm	
Total Weight(Kg)	Approx.950	
Internal Resistance Fully Charged@ 25	45mOhms	
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 TPH265(S)

TPH265S-with LCD TPH265-without LCD

Characteristics Curve

