

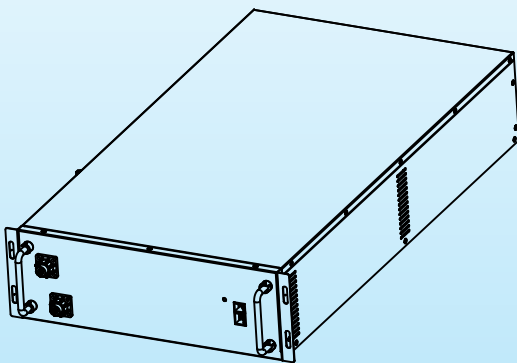
Overview

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 51.2V200Ah

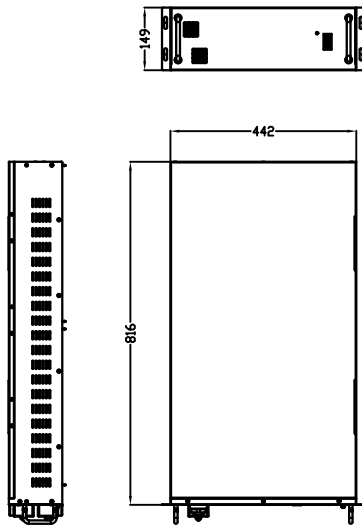
Performance Data

Time(h)	1	2	4	5	10
Constant Power(kw)	98.6	51.0	25.60	20.48	10.24
Constant Current(A)	200	100	50	40	20

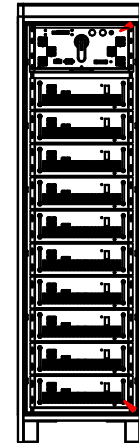
Rack Specification

Voltage Range(V)		448~552
Cell		3.2V200Ah
Series & Parallels		160S1P
Rated Voltage(V)		512
Rated Capacity(Ah)		200
Rated Energy(KWh)		102.4
Maximum Charge Current(A)		100
Discharge cut-off voltage(V)		448
Charge voltage(V)		544 ~ 552
Cycle life(@25℃,0.5C/0.5C,100%DOD)		> 3000
Short-circuit current (< 10ms)		Approx.7500A
System Dimension(W* D* H)		(600*1000*2000) mm
Total Weight(Kg)		Approx.1000
Internal Resistance Fully Charged@ 25		≤ 68mOhms
Thermal Management		natural cooling
Operating temperature	charge	0 ~ 50
	discharge	-20 ~ 65
Operating humidity		60 ± 25%R.H.
Communication		CAN/RS485
Dry Contact		Y
System parallels		≤ 15(GBMS)
		> 15(GBMS+IPC)
Screen		optional

Module size



System



Cabinet TPL100

Characteristics Curve

