DIY5000

48v 3U Battery System

5.12kWh/100Ah

DIY5000	
System Data	
Battery Type	LiFePO4 (Lithium Iron Phosphate)
Capacity (Ah)	100Ah
Energy (Usable)	5.12kWh
Nominal Voltage	51.2v
Voltage Range	40v ~58.4v
Weight	46kg
Dimension (WxHxD)	440x134x480 mm
Maximum Continuous Current	100A
Peak Current (5 Seconds)	200A
Efficiency (@0.5C)	97.0%
Communication	CAN / No Com
Cycle Life	> 6,000 (25° C)
Certificates	UN38.3, CE, IEC62619
Charging Temperature	-10°C ~ +50°C
Discharging Temperature	-20°C ~ +55°C
Scalability	Max 64 units in Parallel

12 TOP benefits to make your project easy

Easy Connect
2 communication options : CAN communication & communication free

Max Scalability
Up to 64 units in parallel without extra communication parts. Standard 19 inch rack design, Maximize project flexibility

Pre-wired Cabinet
2 options, up to 6 units or 10 units in one cabinet. offers 6 unit parallel or 10 units parallel option

No Communication Hub
No extra communication hub needed for parallel connections. Each batteny can be the master to manage the whole system

Charging at -10°C
Low temperature friendly battery technology, Ensures optimal charging / discharging even in winter, down to -10°C

Remote Monitoring
Customized online web portal for monitoring and controlling your energy storage projects

Hot Swappable
Easy maintenance, without interruption of system running

Quick Setup
Automatic system setup without App, Run the system in minutes, minimum installation process

Calculator Tools
Unique project calculator to help you layout your project size, Pairing with inverters

Integrated Air Switch
Advanced system protection, ensureing the ulmost safety for your power-supply

10 Years warranty
10 Years 70% performance warranty. We stand by top quality and reliability of our solutions.

1v1 Project Support
Free professional tech service for > 80kWh projects. 1v1 expert support for project design, layout, and Installation