

# DIY5000

48v 3U Battery System  
5.12kWh/100Ah



## Easy Connect

2 Com options: CANbus  
Communication&Communication free.



## Max Scalability

Up to 64 units in parallel without extra  
communication parts. Stander 3U  
rack design, Maximize project flexibility



## Pre-wired Cabinet

2 Size options of combination  
cabinets, offers 6 unit parallel or 10  
units parallel option.



## No Communication Hub

No extra communication hub needed  
for parallel connections. Each battery  
unit can be the master to manage all  
systems.



## Charging at -10°C

Low Temperature Friendly Battery  
technology, Ensures optimal  
charging/discharging even in  
winter, down to -10°C.



## Integrated Air Switch

Advanced system protection, ensure-  
ing the ulmost safety for your power  
supply.

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 Constant Current	100A
Peak Current	200A
Efficiency(@0.5C)	97.0%
General Date	
Cycle Life	> 6,000 (25° C)
Certificates	UN38.3, CE, IEC62619
Charging Temperature	-10°C ~ +50°C
Discharging Temperature	-10°C ~ +50°C
Scalability	Max 64 units in Parallel