



9.6/14.4/19.2kWh **LFP Battery Bank**

Benefits

- 98% Efficiency & Higher ROI
- Intelligent operation & Remote monitoring
- Super long cycle life(6000 cycles @ 80% DOD)
- Intelligent Built-in BMS
- Used for off-grid, TOU, self-consumption, zero export, and emergency backup power
- Pass UL9540A fire-safety testing
- Compatible with most inverter & charge controllers
- Easy installation & scalability
- Maintenance free
- Pre-installed busbar and 200A circuit breaker

Specifications

	9.6 kWh	14.4 kWh	19.2 kWh
Basic Parameters			
Total Energy(kWh)	9.6kWh	14.4kWh	19.2kWh
Useable Energy(kWh)	8.6kWh	13kWh	17.2kWh
Nominal Voltage(V)	48		
Layout	1S2P	1S3P	1S4P
Capacity(Ah)	200(0.5C, 25℃)	300(0.5C, 25℃)	400(0.5C, 25℃)
Dimensions(W×D×H)(in)	26*11*33	26*11*52	26*12*52
Weight	330lbs/ 150kg	430lbs/ 195kg	502lbs/ 228kg
Communication	RS485, CAN		
Cycle Life	6000+(80%DOD, 25℃)		
Electrical Characteristics			
Voltage Window(V)	40.5~54		
Max Current (A)	100	200	200
DC Disconnect	200A Circuit Breaker		
Operation Environment			
Charge Temperature(℃)	0-40℃ (Optimum 15-30℃)		
Discharge Temperature(℃)	-20-50℃ (Optimum 5-45℃)		
Storage Temperature(℃)	-20-50℃		
Storage Humidity(RH)	5%-95%		
Working Humidity(RH)	5%-95%		
Protection Class	IP54		
Others			
Certification	UL1642, UL1973, IEC62619, UN38.3, UL9540A, SGIP listed (CA)		
Warranty	10yrs Limited		
Scalability(Recommend)	Max 6 in parallel	Max 4 in parallel	Max 3 in parallel

Why Choose Us?

FnS Power has been focused on integrating renewable energy storage systems for Residential, C&I ESS and Telecom applications since 2010. A proven performance and track record place FNS in the same league as Tier 1 system integrators. Most economical LFP battery system available in the global market. All products have undergone extensive safety testing & are UL, CE, IEC certified.



Support

FNS customers save money and avoid equipment downtime when they take advantage of FNS's renowned 24/7 after-sales support, expert advice, and troubleshooting.



Contact Us

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