

# 51.2V50/100Ah

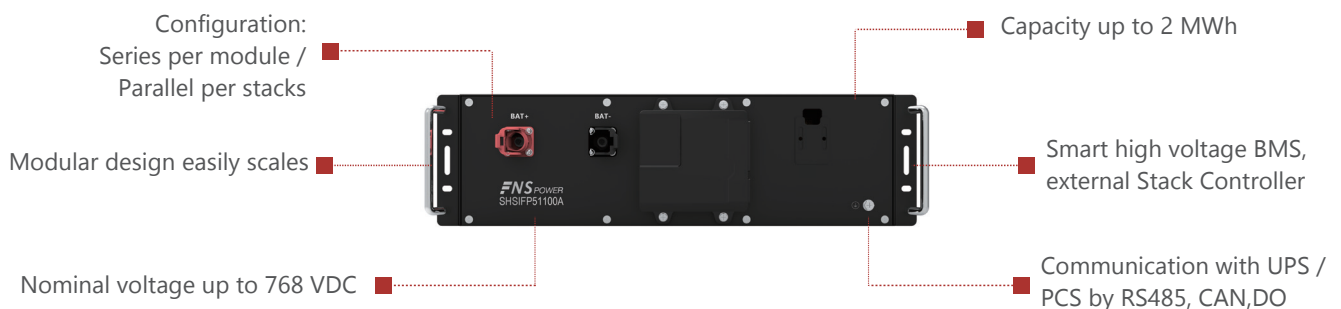
## LFP High Voltage Battery Module



### Brief Introduction

Our 51.2v 50/ 100Ah LFP High Voltage battery module use extremely safe and long-lasting Lithium Iron Phosphate technology and provide unparalleled safety, reliability, and performance. It is specially designed for UPS, High Voltage residential, Commercial and Industrial Energy storage system.

### Benefits



## Specifications

	51.2V50Ah	51.2V100Ah
<b>Basic Parameters</b>		
Battery module model	SHSIFP5150D	SHSIFP51100A
Operating Voltage Range [V]	43.2~58.4	43.2~58.4
Battery Cell Mode	3.2V50Ah	3.2V100Ah
Battery Module Layout	1P16S	1P16S
Nominal Voltage [V]	51.2	51.2
Nominal Capacity [Ah]	50	100
Energy Capacity [kWh]	2.56	5.12
Max. Discharge Current [A]	50	100
Max. Charge Current [A]	50	100
Discharge Cut-Off Voltage[V]	43.2	
Max. Charge Voltage[V]	58.4	
Cycles (25℃)	6000 @80%DOD	
Charging Temperature Range	0~50	
Discharging Temperature Range	-20~50	
Humidity	<95%R.H(non-condensing)	
Communication	CAN2.0/RS485/D0	
Module Size(W*D*H)	440*460*133 mm / 17.3*18.1*5.2 inch	
Cabinet Qty(Set)	1	
Protection Class	IP20	
System Weight	30.5kg / 67.2lbs	43.5kg / 95.9lbs
Authentication	UL1642, UL1973, UL9540A, UN38.3, CE, CB	

## 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, CB certified.



### Support

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



### Contact Us

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