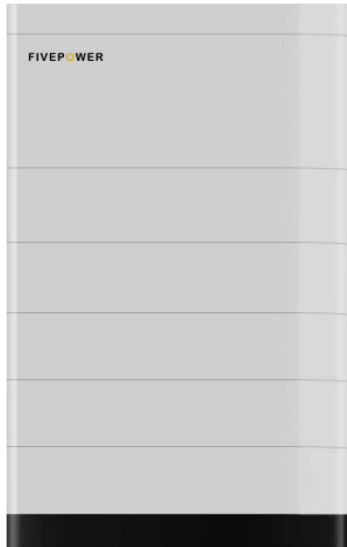


High Voltage Residential LiFePO4 Battery (BYD blade cell)



- Villa
- C&I energy storage
- Nomadic farm
- Base station

Flexible

- High-voltage LiFePO4 battery module, single module is 51.2V 50Ah
- Stackable design, easy installation

Perfect Compatibility

- Matching with leading inverter brands
- Compatible with CAN / RS485 communication interface
- Applicable on hybrid and off-grid solar energy storage system

Safe & Reliable

- BYD vehicle grade (LFP) battery : more safety, longer life cycle more usable energy
- Applicable for commercial system applications
- Flexible scalable from 10KWH to 20KWH
- Optimization of high-powered emergency-backup and off-grid function

Model	SNE1024LFP	SNE1536LFP	SNE2048LFP
Performance			
Battery type	Lithium-iron phosphate (LiFePO4)		
Nominal battery energy(KWH)	10.24KWH	15.36KWH	20.48KWH
Nominal capacity(AH)	50AH	50AH	50AH
Nominal voltage(V)	204.8V	307.2V	409.6V
Modules number	4	6	8
Cell technology	BYD Blade Lithium-iron phosphate (LiFePO4)		
Depth of discharge(DOD)	80%		
Design life	>5000 times @80%DOD		
Warranty	5 years		
Warranty Document Supplied	Yes		
Compatible hybrid inverters	SNE8K-G3/SNE10K-G3/SNE12K-G3 or other hybrid inverters		
Protection function			
Protection	Over-temperature, over charge, under-voltage, over-current, short circuit alarm Function		
Communication			
Communication	CAN/RS485		
General data			
Dimension (L*W* H)(MM)	1150*220*805 (mm)	1150*220*1030 (mm)	1150*220*1255 (mm)
Weight(KG)	183.5kg	258kg	332.5kg
Shipping status SOC	20%~40%		
Charging temperature	0~+55℃		
Discharging temperature	-20~+55℃		
Short term storage ambient temperature	-10~+55℃(<3 months,20~60% SOC)		
Long term storage ambient temperature	-10~+40℃(< 1 year,30~60% SOC)		
Max.operating altitude	4,000m(Derating above 2,000m)		
Protection degree	IP21,indoor installation		
Relative humidity	5%-95%		
Cooling	Natural convection		
Noise emission	<29dB		
Certification	TUV/CE/IEC/UN38.3		