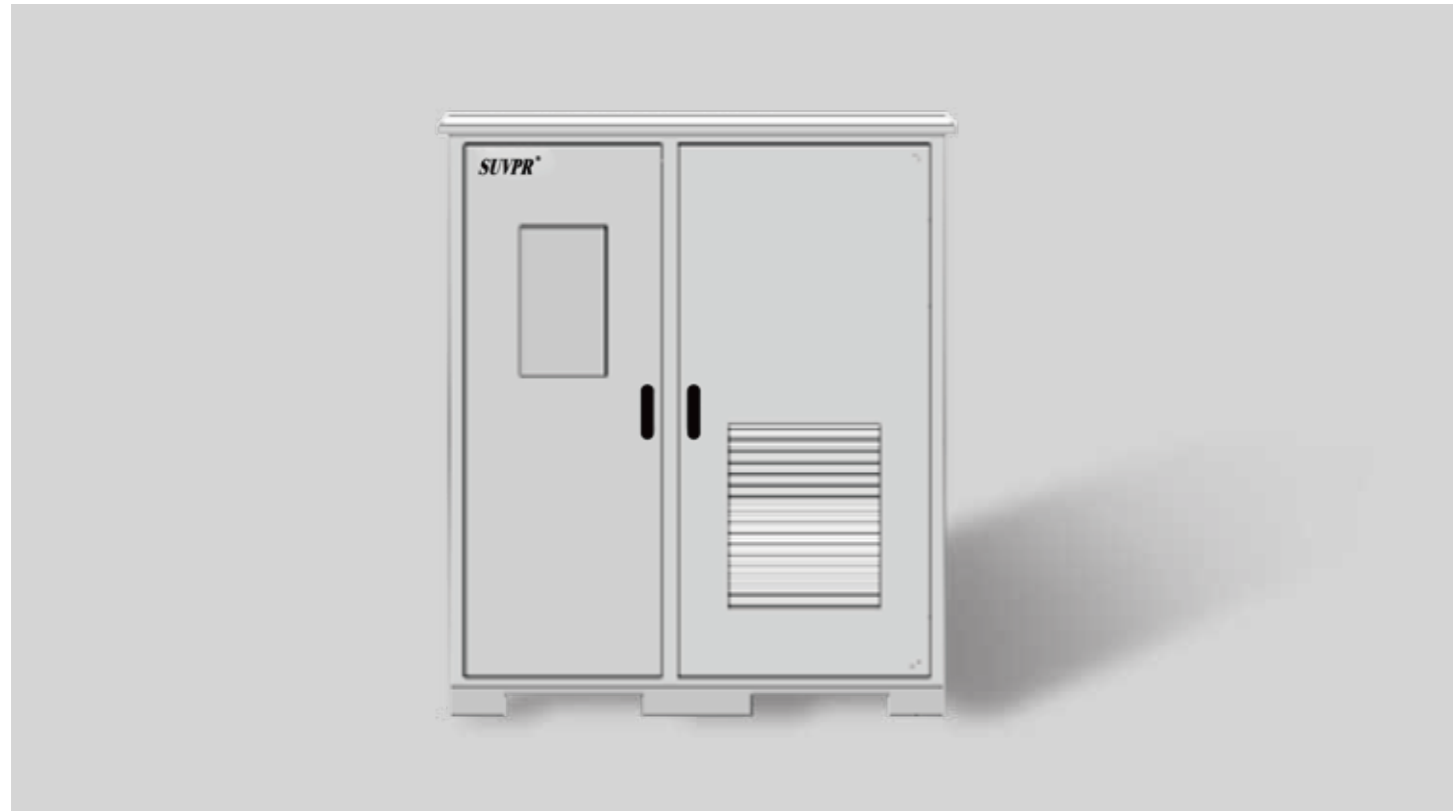


Small and medium-sized C&I LiFePO4 ESS



C&I energy storage



Rural power shortage



Off-grid island



Nomadic farm



Mine off-grid

Product Features

Flexible

- Simple structure, small footprint, flexible layout, easy installation, operation and maintenance
- Modular design, power and capacity can be expanded

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 battery cell (LFP) : more safety longer life cycle more usable energy
- Applicable for small and medium-sized industrial and commercial system applications
- Optimization of high-powered emergency-backup and off-grid function
- Built-in fire control, temperature control and warning system function for multiple security
- IP54 protection grade, stronger environmental adaptability

Small and medium-sized C&I LiFePO4 ESS



Model	SNE116LFP	SNE206LFP
Performance		
Battery type	Lithium-iron phosphate (LiFePO4)	Lithium-iron phosphate (LiFePO4)
Nominal battery energy(KWH)	116.736KWH	206KWH
Nominal capacity(AH)	190AH	310AH
Nominal voltage(V)	614.4V	665.6V
Operating voltage Range(V)	480V~ 700.8V	561.6V~ 790.4V
Module number	24	26
Standard charging current(A)	Rated current 80A	Rated current 102A
Max. constant charging current(A)	100A	155A
Standard discharging current(A)	Rated current 90A	Rated current 102A
Max. constant discharging current(A)	100A	310A
Cell technology	BYD vehicle grade 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	30/50KW/100KW C&I Energy storage inverters	100/150KW C&I Energy storage inverters
Protection function		
Protection	Over-temperature, over charge, under-voltage, over-current, short circuit alarm Function	
Communication		
Communication	CAN/RS485	
General Specification		
Dimension (L*W*H)(MM)	1550*700*2150	1950*1000*2180
Weight(KG)	customization	
Cabinet color	white	
Fire extinguishing system	support	
Air conditioner system	support	
Shipping status	SOC: 30%~40%	
Charging temperature	-10~+40C	0~+50C
Discharging temperature	-20 ~+40C	-20 ~+55C
Short term storage ambient temperatu	-28~+40C(<3 months,SOC: 20%~50% SOC)	-10~+45C(<3 months,SOC: 20%~60% SOC)
Long term storage ambient temperatu	-20~+40C(1 year, SOC: 20%~50% SOC)	-10~+35C(1 year, SOC: 30%~60% SOC)
Max. operating altitude	4,000m(Derating above 2,000m)	4,000m(Derating above 2,000m)
Protection degree	IP54	
Relative humidity	5%-95%	
Battery cooling way	Air conditioning cooling	
Certification	TUV/CE/IEC/UN38.3/UL1973	