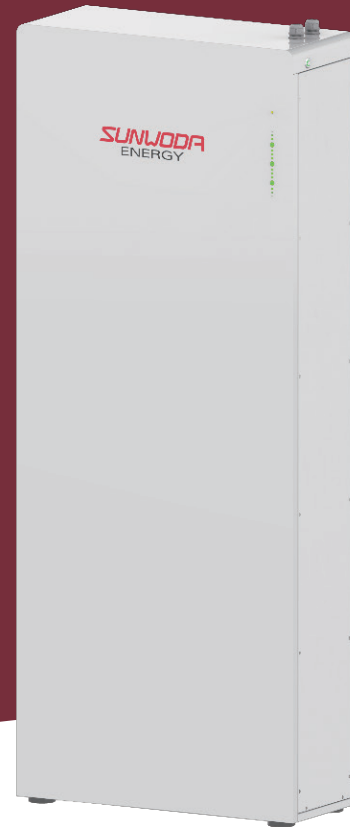


EU-NEO pro-B512-12.5HV



Single battery system comprised of one control box and four battery packs can connect with 102.4V battery pack in series to build up a 512V high-voltage energy storage system. Flexible configuration, high reliability, proven safety, High-voltage DC energy storage system meets large-scale business needs.

Key Features

- Customized BMS and EMS monitor system status in real time to ensure safe operation
- Ideal for high-voltage energy storage platforms like distributed energy, grid and PV, C&I and household



Specifications

Item	Parameter	Remark
System energy	12.5kWh	
Battery type	LiFePo4	
Number of in series	5 in series	H102025M-S battery module in series
Battery capacity	25Ah	
Rated voltage	512V	
Voltage range	432V~560V	
Rated current	Charge:12A; Discharge:15A	
Maximum current	Charge:14A; Discharge:20A	
Operating temperature	Charge:0~55℃, Discharge:-20~55℃	Suggest 25℃
Storage ambient temperature	-20℃ ~20℃ @12 months	The SOC before storage is kept in the range of 40% to 60%.
	-20℃ ~45℃ @3 months	
	-20℃ ~50℃ @1 month	
Environment humidity	≤90%RH	No condensation
Altitude	≤2000m	
Protection level	IP55	
Pollution level	II	
Communication	CAN2.0	
Guideline	UN38.3, IEC62619	
Cycle life	6000 cycles	25℃ 80%DOD (0.5C Charge & Discharge),70%EoL
Installation method	Floor/Wall mount	Two installation methods
Cabinet front door color	White/Black	Two colors
Cabinet color	Silver	One color
Dimension	660mm*1650mm*260mm	W*H*D
Weight	197±2Kg	