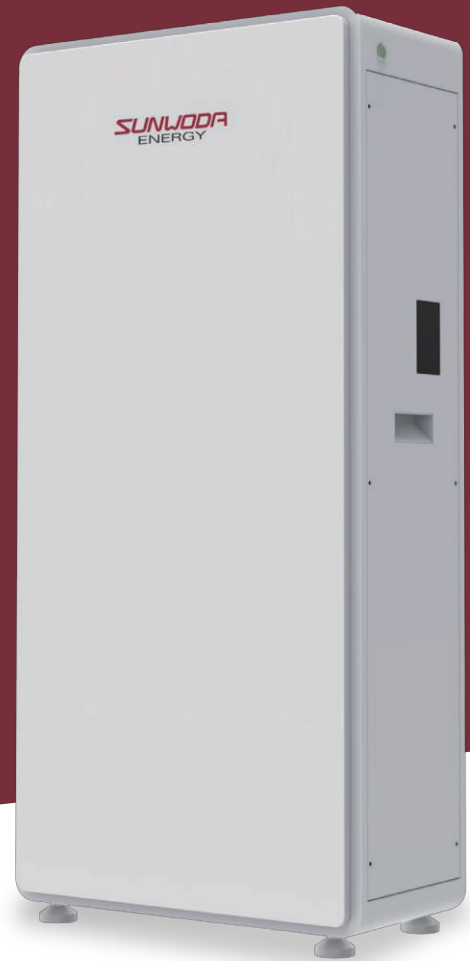


US-NEO pro BC9.6



The NEO pro range including 48V and 102V modules provides you a great flexibility to build up your own Energy Storage System. Connecting 16 units of B4850 module in parallel can easily build up a system of 38.4kWh.

Key Features

- **Great flexibility**
Diverse combinations meet optimally your needs.
- **Professional consultancy**
Provide deep technical support for your project.
- **Guaranteed consistency**
Long-term premium battery cells supplying.
- **Proven safety**
Safety-proven LFP battery cells.
- **Easy to connect**
Simple and quick installation, ready-to-use.



Specifications

Item	Parameter	Remark
System energy	9.6kWh	
Battery type	LiFePo4	
Number of parallel	4 in parallel, max 16 in parallel	4850 battery module in parallel
Battery capacity	200Ah	
Rated voltage	48V	
Voltage range	42~51.5V	
Maximum current	Charge 100A; Discharge 120A	
Operating temperature	Charge:-10~45 C , Discharge:-20~45 C	Suggest 25 C
Storage ambient temperature	-20 C ~20 C @12 months	The SOC before storage is kept in the range of 40% to 60%.
	-20 C ~45 C @3months	
	-20 C ~50 C @1month	
Environment humidity	≤90%RH	No condensation
Altitude	≤2000m	
Protection level	IP55	
Pollution level	II	
Communication Protocol	RS485/CAN2.0B	
Guideline	UN38.3, UL1973, IEC62619	
Cycle life	6000 Cycles	25 C ,0.5C,80%DOD,70%EoL
Installation method	Floor/Wall mount	Two installation methods
Cabinet front door color	White/Black	Two colors
Cabinet color	Silver	One color
Dimension	570mm*1150mm*285mm	W*H*D
Weight	140±2Kg	