

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 8 units of B4850 module in parallel can easily build up a system of 19.2kWh.

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	
Usable capacity	7.68kWh	80%DOD discharging
Battery capacity	200Ah	
Number of parallel	4 in parallel (Max. 8)	4850 battery module in parallel
Rated voltage	48V	
Voltage range	42~51.5V	
Rated current	Charge 100A; Discharge 100A	
Maximum current	Charge 100A; Discharge 120A	
System efficiency	>96%	
Operating temperature	Charge:0~55°C, Discharge:-20~55°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 @3 months	
	-20°C ~50°C @1 month	
Environment humidity	≤90%RH	No condensation
Altitude	≤2000m	
System noise	<40dB	
Protection level	IP55	
Pollution level	Class 2	
External communication interface	RS485	
Guideline	UN38.3, UL1973, IEC62619	
Life cycle	6000 Times	25°C 80%DOD (0.5C Charge & Discharge@C)
Installation method	Floor/Wall mount	Two installation methods
Cabinet front door color	White/Black	Two colors
Cabinet color	Silver	One color
Dimension	570mm*1150*285mm	W*H*D
Weight	150±2Kg	