



Model		BND-51V100AH-S
Main Parameter		
Battery Chemistry		LiFePO <sub>4</sub>
Capacity(Ah)		100
Scalability		Max.16pcs in Parallel
Nominal Voltage(V)		51.2
Operating Voltage(V)		43.2-57.6
Energy(KWh)		5.12
Charge/	Recommend	50
Discharge	Max.	100
Current(A)	Peak	120(30s,15°C)
Dimension(mm)		410*165*555
Weight Approximate(kg)		≈45
Master LCD Indicator		6LED(SOC:20%-SOC:100%),3LED(working,alarming,mos),LCD
IP Rating of Enclosure		IP21
Operating Temperature		Charge:0~+55°C/Discharge:-20°C~-55°C
Storage Temperature		0°C~+35°C
Humidity		5%-95%
Altitude		≤2000m
Cycle Life		≥6000(25°C±2°C,1.2C/0.2C,70%EOL)
Installation		Wall-Mounted
Communication Port		CAN,RS485,RS232
Warranty Period		5years
Certification		UN38.3,CE

### BND-51V100AH-S

- Touchscreen design: more aesthetically pleasing and user-friendly.
- Lithium iron phosphate batteries are highly safe, have a service life of up to ten years, and have high power.
- Multiple battery modules can be connected in parallel to expand capacity and power.
- Compatible with multi-brand inverter communication.
- Wall-hanging and landing installation is convenient, the product module is safe and pollution-free.
- With WiFi module, Bluetooth module, Ip65

