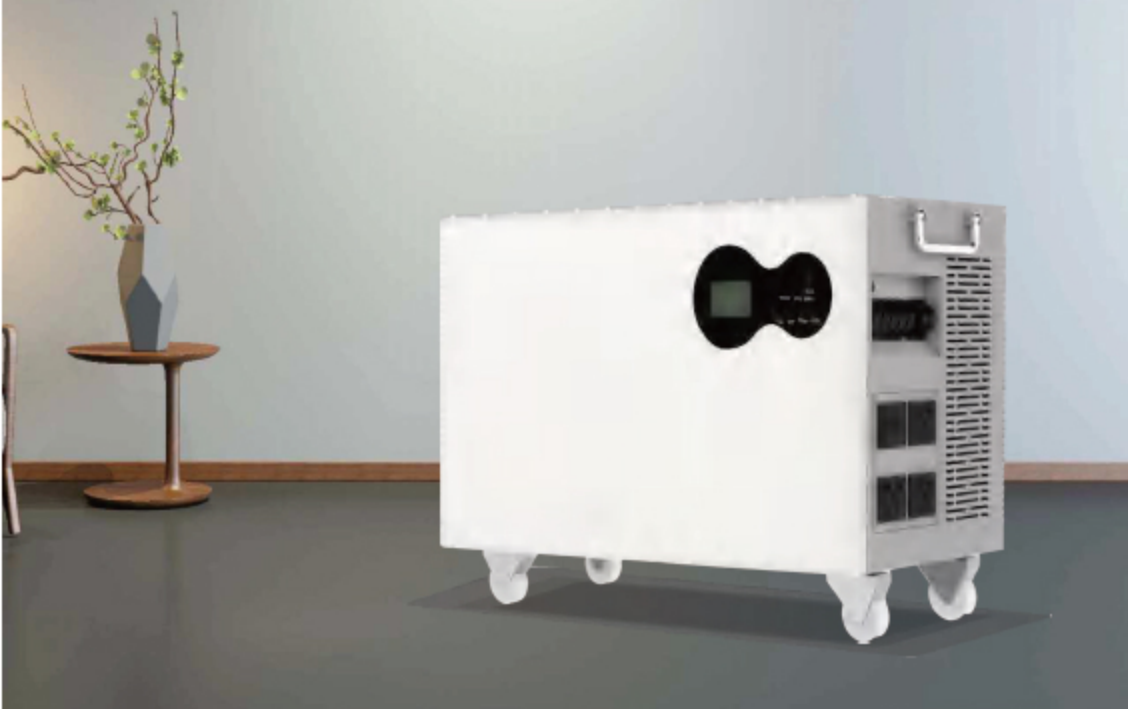


ALL-IN ONE BATTERY ESS



BND-AIO62-61(A)HFSP

- **Easy Installation**
 - One-person installation
 - Easy power output expansion
 - Without cable connection, plug in & out
- **Safety and Reliability**
 - High cycle stability and long lifespan
 - Whole system warranty
- **Smart O&M**
 - Auto under-voltage wakeup
- **Product feature**
 - With WiFi module, Bluetooth module,
- **Compact in size**
 - Featuring a four-wheel design, equipped with AC output, suitable for both home and outdoor use.



Model		BND-AIO62-61(A)HFSP
Main Parameter		
Battery Chemistry		LiFePO ₄
Capacity(Ah)		120
Nominal Voltage (V)		51.2
Operating Voltage(V)		43.2~57.6
Energy (KWh)		6.14
Charge/	Recommend	50
	Max.	100
Discharge	Peak	120 (30s,25°C)
Current (A)		630*250*415
Dimension (mm)		≈60
Weight Approximate(kg)		4LED(SOC:25%~SOC100%),2LED (working,alarming),LCD
Master LCD Indicator		IP20
IP Rating of Enclosure		Charge:0~+55°C/Discharge:-20°C~+55°C
Operating Temperature		0°C~+35°C
Storage Temperature		5%~95%
Humidity		≤2000m
Altitude		≥6000(25°C±2°C,0.2C/0.2C,70%EOL)(DOC80%)
Cycle Life		Wall-Mounted/Floor standing
Installation		CAN,RS485,RS232
Communication Port		5 years
Warranty Period		UN38.3,CE
Certification		Inverter Specification
Input	Phase	L+N+PE
	Nominal Voltage	220/230/240VAC
	Voltage Range	90-280VAC±3V(Normal Mode)170-280VAC±3V(UPS Mode)
	Frequency Range	50Hz/60Hz(Adaptive)
	Rated Power	5500W
	Output Voltage(AC)	220/230/240VAC±5%
	Output Frequency	50/60Hz±0.1%
	Waveform	PURE SINE WAVE
Output	Transfer Time(Optional)	≤10ms(UPS mode)/≤20ms (INV mode)
	Peak power	10000VA
	Overload	Battery Mode : 1min@102%~110% Load 10s@110%~130% Load 3s@130%~150% Load 200ms@>150% Load*
charger	Peak efficiency (battery mode)	>94%
	PV charging method	MPPT
	PV max input power	5500W
	MPPT tracking range	120-500Vdc
	Max PV input voltage	500Vdc
	Max PV charging current	100A
Display	Max AC charging current	60A
	Max charging current	100A
	LCD display	Operating mode/load/input/output, etc.
Environmental parameters	Operating environment temperature	0~40°C
	Operating environment humidity	20%~95% (Non condensing)
	Storage temperature	-15~60°C
	Altitude	The altitude should not exceed 1000m, derating above 1000m, up to 4000m
Certification	noise	≤50db
		EN-IEC 60335-1, EN-IEC 60335-2-29, IEC 62109-1