



Residential ESS Solution

Neptune LA-B5.0/10.0/16.0



LCD Color
Screen Operation



Support up to 15 unit
in parallel



6,000 revolutions
per cycle service life



Supports multiple
communication protocols



Discharge temperature:
-20°C~55°C



Supports floor mount
and wall mount to save mounting space



The safe and reliable design is
equipped with an internal circuit
breaker of 125A



Technical Specification



Technical Data	Neptune LA-B5.0	Neptune LA-B10.0	Neptune LA-B16.0
Rated Voltage/Capacity	51.2V 100Ah	51.2V 205Ah	51.2V 314Ah
Main Parameter			
Battery Type	LiFePO ₄		
Capacity(Ah)	100	205	314
Scalability	Recommend 15 pcs pack (76.8kWh)	Recommend 15 pcs pack (157.44kWh)	Recommend 15 pcs pack (241.05kWh)
Nominal Voltage(V)	51.2		
Operating Voltage(V)	43.2~57.6		
Rated Energy(kWh)	5.12	10.49	16.07
Usable Energy(kWh)	4.6	9.44	14.47
Maximum Charge/Discharge Current(A)	50/100	100/200	
Other Parameter			
Recommend Deth of Discharge	90%		
Dimension(W×H×D,mm)	380×650×175	380×650×250	400×850×265
Weight Approximate(kg)	45	85	118
Display	Color touch display screen(Optional)		
IP Rating of Enclosure	IP20		
Operating Temperature(°C)	Charge:0°C~55°C		
	Discharge:-20°C~55°C		
Storage Temperature(°C)	-10°C~35°C		
Humidity	5%~95%		
Altitude	≤2000m		
Cycle life	≥6000 Cycles		
Installation Location	Wall-Mounted	Wall-Mounted	Floor-Mounted
Communication Port	CAN2.0,RS485,WIFI		
Warranty Period	5 years		
Certification	UN38.3		

NINGBO JINGXI NEW ENERGY TECHNOLOGY CO., LTD.

NO.338,3rd Binhai Road, Hangzhou Bay,Cixi,Ningbo City, Zhejiang,China. | www.jaixisolar.com | marketing@china-jingxi.com