

# NLB Solar Energy Storage System

1.2KW(2.12KWH)/3.6KW(4.25KWH)/6KW(8.5KWH)



## MAIN FEATURES

-  Pure sine wave output
-  Built-in 1 or 2 MPPT
-  Compatible work with LiFePO4 battery via RS485
-  LifePO4 battery with 10 years service life
-  Wifi remote monitoring optional
-  EQ function to optimize battery performance and extend lifecycle

## Product Specifications

Model		NLB-1.2KW	NLB-3.6KW	NLB-6KW
Rated Power		1200W	3600W	6000W
Lifepo4 Battery	Specification	12.8V-166AH	25.6V-166AH	51.2V-166AH
	Battery Capacity	2124WH	4249.6WH	8499WH
	Stacking Quantity	built-in		
MPPT Input	Max PV Input	1000W	5000W	9000W
	PV Input Voltage	20~100VDC	40~430VDC	60~450VDC
	Max Open Circuit Voltage	125VDC	450VDC	500VDC
	Charging Current(can be set)	60A	100A	120A
AC Input	Voltage Range	UPS	170~280VDC	
		INV	90~280VDC	
	Frequency	45~65Hz		
Charging Current(can be set)		40A	100A	120A
Inverter Output	Voltage Range(can be set)	208/220/230/240VAC ±5%		
	Frequency	50/60Hz		
	Output Wave	Pure Sine Wave		
	Conversation Time	10ms		
	Efficiency	>90%	>93%	>94%
	Overload	102~110%/60s;110%~130%/10s;130%~150%/3s;>150%/0.2s		
Ambient Temperature For Operation		-10~50°C		
Ambient Temperature For Storage		-15~60°C		
Operating/Storage Environment		5~95%Relative humidity(non-condensing)		
Product Size:L*W*H(mm)		370*165*510	370*200*712	420*275*815
Package Size:L*W*H(mm)		575*445*240	785*465*270	880*555*355

The company reserves the right to change without notice.