



ENERGY STORAGE HYBRID INVERTER












NBS SERIES

ENERGY STORAGE INVERTER

8600W~11000W

FEATURES



-  Lithium Battery Auto-restart Function, More Convenient for Lithium Battery Charging
-  Intelligent Power Supply Mode, Intelligent Distribution of Solar Panel/Mains/Battery Power Shares
-  Utility Charging Voltage/PV Charging Voltage Adjustable, Match Different Battery Charging Requirements
-  Slim Body, Convenient Installation And Transportation
-  Battery Reverse Connection Protection with Fuse Switch, Safer Installation
-  PF1.0, High Efficiency, Lower Consumption, Energy Conservation/ Environmental Protection/ Electricity Saving/ Cost Saving
-  Support Working without Battery: Reduce Solar System Cost
-  Parallel Function Up to Maximum 9 Units: Enlarge More Loads
-  High Precision of Output Voltage, $\pm 5\%$, Take Care of Your Appliances
-  Communication Option: External WIFI, Supervise at Any Time
-  BMS function for lithium battery

APPLICATION



Island



Construction/housing



Factory/Meeting Center



Agriculture/animal husbandry

Model		NBS8648MH	NBS11048MH
Nominal Voltage		220/230/240VAC	
Voltage Range		90-280VAC±3V (Inverter Mode) 170-280VAC±3V (UPS Mode)	
Frequency		50-60Hz Auto sensing	
Rated Output Power		8600W	11000W
Dual Output Power		8600W 8600W	11000W 11000W
Second Load Cut Off Voltage		44V	
Second Load Return Voltage		52V	
Output Voltage(AC)		220/230/240VAC±5%	
Output Frequency		50/60Hz±0.1%	
Waveform		Pure sine wave	
Transfer time(AC to DC)		10ms for Computer Equipment,20ms for Household Equipment	
Peak Power		17200VA	22000VA
Overload Capacity(Battery Mode)		21s@105%~150% Load 11s@150%~200% Load 400ms@>200% Load	
Grid connected Operation	Output Voltage	220/230/240VAC (Feed-in Grid Voltage Range:195~253VAC)	
	Grid Voltage Range	195-253VA	
	Grid Frequency Range	49-51±1Hz/59-61±1Hz (Feed-in Grid Frequency Range: 49-51+1Hz/59-61+1Hz)	
	Output Current	34.7A	47.8A
	Power Factor Range	>0.99	
Peak Efficiency(Battery Model)		98%	
Normal Voltage		48VDC	
Constant Charging Voltage		56.4VDC	
Float Charging Voltage		54VDC	
PV Charging Way		MPPT	
Max PV Input Power		2*5500W	2*5500W
PV Input Voltage Range		90-500VDC	
MAX PV Input Voltage		500VDC	500VDC
MAX PV Input Current		18/18A	18/18A
MAX PV Charge Current		150A	150A
MAX AC Charge Current		120A	150A
MAX Charge Current		150A	150A
LCD Display		AC input Voltage,AC input frequency,PV Voltage,PV Current,Output Voltage, Output Frequency, Battery Voltage,Load Current,etc.	
RS232		5PIN/Pitch2.0mm	
Expansion Slot Communication Interface		2×5PIN/Pitch2.54mm, Lithium battery BMS communication card, WIFI, etc	
Parallel Interface		Yes	
Operating Temperature		-10~50°C	
Humidity		20%-95%(Non-condensing)	
Storage Temperature		-15~60°C	
Altitude		<1000m	
Noise(dB)		≤50db	