

Solar Hybrid Inverter

NX Series



Features:

Intelligent Control

- Five smart control mode, auto switch for different demand
- RS485 communicational portal, for app & external screen control

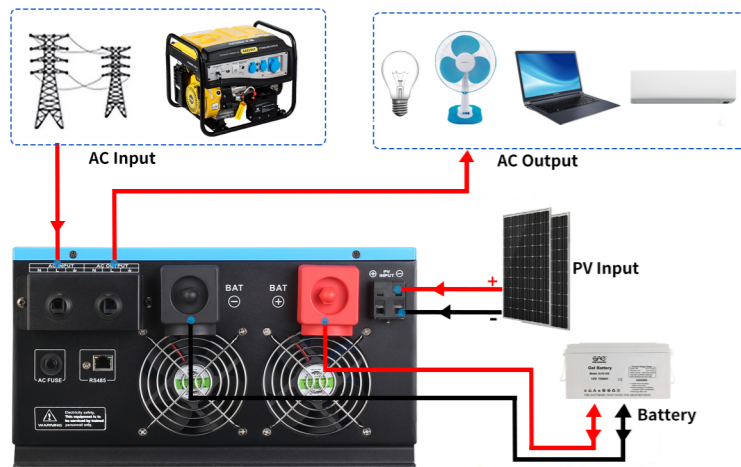
High efficiency

- Inverter transfer efficiency up to 85%
- Inbuilt MPPT efficiency more than 99%

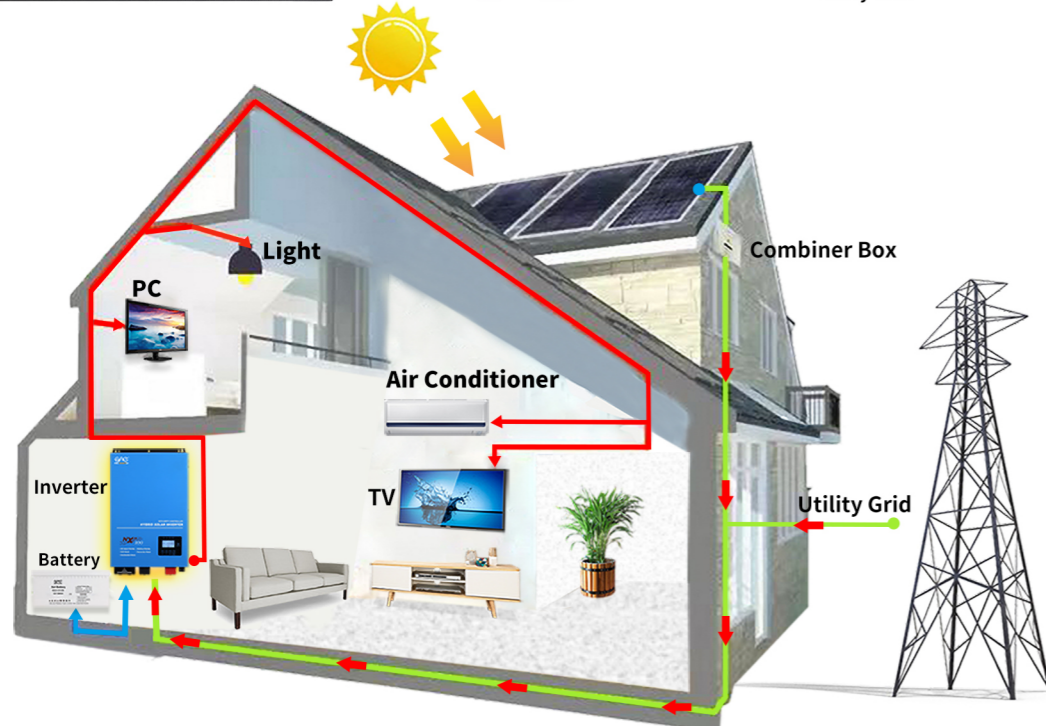
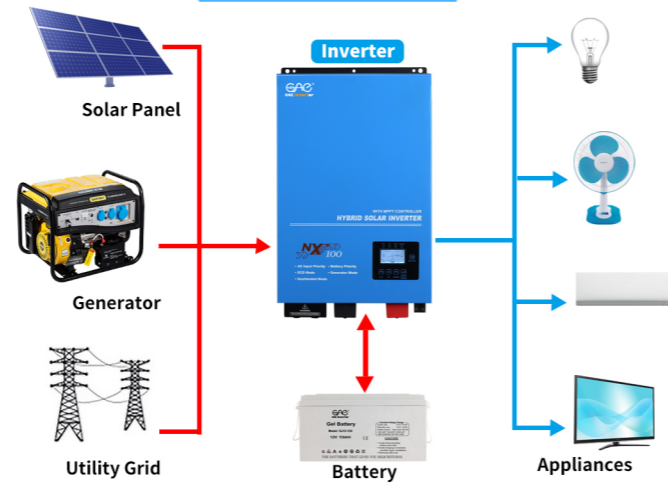
Charger

- Inbuilt 35A AC charger
- Inbuilt 40A/60A MPPT solar charger
- Can use with Lithium battery, Lifepo4 battery

Connection



Diagram



3D Visual

Solar Hybrid Inverter

Model	NX-152	NX-202	NX-302	NX-402	NX-502	NX-602
Rated power	1.5KW	2KW	3KW	4KW	5KW	6KW
Surge power	4.5KW	6KW	9KW	12KW	15KW	18KW

AC Input & Output

Voltage	220VAC
Selectable Voltage Range	165-275VAC (220VAC)
Frequency Range	50Hz/60Hz automatic recognition
AC Voltage Regulation	(DC Batt.mode)220vac±3%
Transfer Time	≤4ms
Wave Form	Pure Sine Wave
Transformer type	Toroidal
Transfer efficiency	≥85%

Battery

Battery Voltage	12V/24V	24V	24V/48V	24V/48V
Type	Gel/SLA/AGM/Water/Lithium(lifepo4) Battery			
DC Charge Voltage	12~16VDC(12V)/20~32VDC(24V)/40~64VDC(48V)			
Overcharge Protection	Battery voltage ≥16VDC (12V) ≥32VDC (24V) ≥64VDC (48V), stop charging after 60s alarm			

Solar Charge & Ac Charger

Type	MPPT Solar Charger Controller			
Maximum PV Array Open Circuit Voltage	150VDC			
Maximum PV Array Power	570W(12V)/ 1130W(24V)	1130W(24V)	1700W(24V)/ 3400W(48V)	2260W(24V)/ 4540W(48V)
Maximum AC Charge Current	35A(adjustable)			
Maximum Solar Charge Current	40A MPPT		60A MPPT	
Maximum Charging Current	75A		95A	
			115A	

Working mode

01 mode	AC mains priority mode
02 mode	ECO mode
03 mode	DC battery priority mode
04 mode	Generator mode
05 mode	Unattended mode

Communication Port

Type	RS485, available for wifi box & external control screen
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Packing Details

Dimension, D*W*H(MM)	560*350*220	640*420*260	680*445*260		
G.W.(KGS)	19.5	22	26	33	37

Environment

Humidity	0~95% (No condensation)
Operating Temperature	0~60°C
Storage Temperature	0~60°C

*Product Specifications Are Subject To Change Without Further Notice