

Hybrid Solar Inverter NX Series



Intelligent Control

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



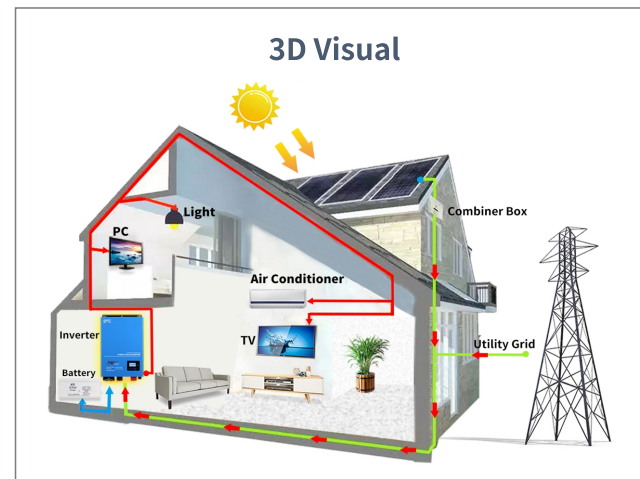
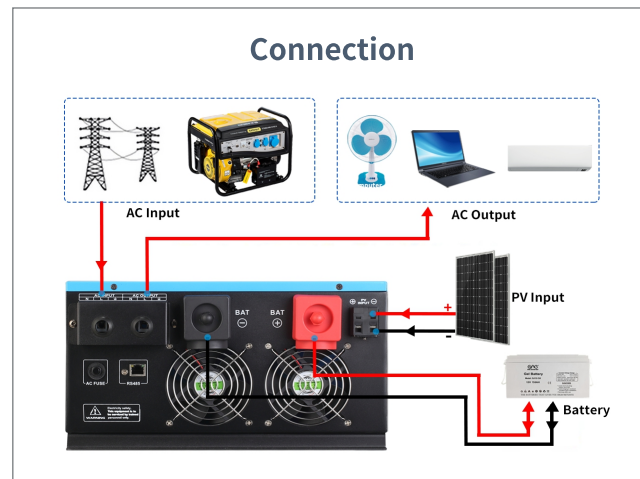
High Efficiency

Inverter transfer efficiency up to 85%
Inbuilt 40/60/80A MPPT & 35A AC charger efficiency more than 99%



Battery Type

Support SLA/GEL/AGM/lithium lifepo4 battery



Technical Specification

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 (BATT. Mode)	(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			
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						
Maximum PVArray 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		80A 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					
Physical						
Dimension, D*W*H(MM)	560*350*220		640*420*260		680*445*260	
G.W.(KGS)	19.5	22	26	33	35.5	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