

XN3024

Single Phase Off-Grid Solar Inverter





Efficient Higher Revenue

- Built-in 80A MPPT solar charge
- Wide PV input voltage range



Intelligent Simple O&M

- Support cold start
- Intelligent fan speed adjustment
- Over load / over temperature / short circuit protection
- Smart battery charger design, optimize battery performance



Flexible Abundant Configuration

- Support grid / generator input
- Compatible with lithium battery
- Multiple charging voltage levels for different batteries
- Multiple work mode, support AC priority, solar priority

	XN3024
Rated Power	3200VA/3000W
Input	
Voltage	230Vac
Selectable Voltage Range	170Vac~280Vac (for personal computers) 90Vac~280Vac (for home appliances)
Frequency Range	50Hz / 60Hz (auto sensing)
Output	
AC Voltage Regulation (Batt. Mode)	230Vac±5%
Surge Power	6400VA
Overload Capability	5s@ ≥ 150% load; 10s@110%~150% load
Efficiency (Peak)	94%
Transfer Time	10ms (for personal computers); 20ms (for home appliances)
Waveform	Pure Sine Wave
Battery	
Battery Nominal Voltage	24Vdc
Floatingg Charge Voltage	27Vdc
Overcharge Protection	31Vdc
Solar Charger & AC Charge	
Solar Charger Type	MPPT
Maximum PV Array Power	3000W
Solar Charger Type	240Vdc
MPPT Range	90Vdc ~ 430Vdc
Maximum PV Array Open Circuit Voltage	450Vdc
Maximum Utility Charge Current	60A
Maximum Solar Charge Current	80A
Protection	
Protection	AC Short Circuit Protection, AC Over Current Protection, Over TemperatureProtection, etc.
Communication	
Display	LCD
Communication Port	RS232
Standard Compliance	
Safety/ EMC	CE
General Data	
Dimension (W x H x D)	282 x 348 x 105 mm
Net Weight	5.5kg
Protect Degree	IP21
Operating Temperature	0° C ~ +55° C
Storage Temperature	-15° C ~ +60° C
Humidity	5%~95% (non-condensing)

XN5548 & XN5548-P

Single Phase Off-Grid Solar Inverter



Efficient Higher Revenue

- Built-in 110A MPPT solar charge
- Wide PV input voltage range



Intelligent Simple O&M

- Over load / over temperature / short circuit protection
- Smart battery charger design, optimize battery performance



Flexible Abundant Configuration

- Support grid / generator input
- Compatible with lithium battery
- Up to 6 units in parallel (P model)
- Multiple charging voltage levels for different batteries
- Multiple work mode, support AC priority, solar priority

	XN5548	XN5548-P
Rated Power	5500VA/5500W	
Input		
Voltage	230Vac	
Selectable Voltage Range	170Vac~280Vac (for personal computers) 90Vac~280Vac (for home appliances)	
Frequency Range	50Hz / 60Hz (auto sensing)	
Output		
AC Voltage Regulation (Batt. Mode)	230Vac±5%	
Surge Power	11000VA	
Overload Capability	5s@ ≥ 150% load; 10s@110%~150% load	
Efficiency (Peak)	94%	
Transfer Time	10ms (for personal computers); 20ms (for home appliances)	
Waveform	Pure Sine Wave	
Battery		
Battery Nominal Voltage	48Vdc	
Floatingg Charge Voltage	52Vdc	
Overcharge Protection	62Vdc	
Solar Charger & AC Charge		
Solar Charger Type	MPPT	
Maximum PV Array Power	6000W	
MPPT Range	120Vdc~450Vdc	
Maximum PV Array Open Circuit Voltage	500Vdc	
Maximum Utility Charge Current	80A	
Maximum Solar Charge Current	110A	
Protection		
Protection	AC Short Circuit Protection, AC Over Current Protection, Over Temperature Protection, etc.	
Communication		
Display	LCD	
Communication Port	RS232 / RS485	
Standard Compliance		
Safety/ EMC	CE	
General Data		
Dimension (W x H x D)	297 x 472 x 133 mm	
Net Weight	10.5kg	
Protect Degree	IP21	
Operating Temperature	0° C ~ +55° C	
Storage Temperature	-15° C ~ +60° C	
Humidity	5%~95% (non-condensing)	
Parallel	No	Up to 6 pcs