



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 \pm 5%
Surge Power	6400VA
Overload Capability	5s@ \geq 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
Floating 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 Temperature Protection, 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)