Solar Inverter

CLEAN ENERGY
A BRIGHTER TOMORROW

SMART ENERGY
FOR A SUSTAINABLE FUTURE



* High PV inputvoltage range
* On/Off Grid Modes
* Output power factor 1.0
* Built-in MPPT solar controller
* Compatible with lithium battery
* WiFi remote monitoring (optional)

Specification:

	XN3024-PRO	XN6248-PRO	XN8248-PRO	XN10248-PRO
Rated Power	3200VA/3000W	7000VA/6200W	8200VA/8200W	10200VA/10200W
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	14000VA	16400VA	20400VA
Transfer Time	10ms (for personal computers); 20ms (for home appliances)			
Peak Efficiency	94%		93%	
Waveform	Pure Sine Wave			
Battery				
Battery Nominal Voltage	24Vdc	48Vdc		
Floating Charge Voltage	27Vdc	54Vdc		
Overcharge Protection	31Vdc	61Vdc		
Solar Charger & AC Charge				
Solar Charger Type	MPPT			
Maximum PV Array Power	3000W	6000W	8200W	10200W
MPPT Range	55Vdc ~450Vdc		90Vdc ~450Vdc	
Maximum PV Array Open Circuit Voltage	450Vdc		500V	
Maximum AC Charge Current	60A	80A	140A	
Maximum Solar Charge Current	80A	110A	160A	
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)	405 x 286 x 98mm	423 x 300 x 120mm	500 x 390 x 130mm	
Net Weight	5.5kg	8kg	14.5kg	
Protect Degree	IP21			
Operating Temperature	-10°C ~ +55°C			
Storage Temperature	-15°C ~ +60°C			
Humidity	5%-95% (non-condensing)			



Powering a Greener Tomorrow

RELIABLE POWER
FOR A BETTER TOMORROW