

# Off-Grid Solar Inverter



High PV input voltage range



On/Off Grid Modes



Output power factor 1.0



Built-in MPPT solar controller



Built-in lithium battery



WiFi remote monitoring

	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 $\pm$ 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 ~430Vdc		90Vdc ~450Vdc	
Maximum PV Array Open Circuit	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.
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**Communication**

Display	LCD
Communication Port	RS232/RS485

**Standard Compliance**

Safety/ EMC	CE
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**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)		

