

	XN15IM-24	XN30IM-24	XN50IM-48
Rated Power	1.5kVA / 1.5kW	3kVA / 3kW	5kVA / 5kW
Input (AC)			
Max. input Voltage	230Vac		
Selectable Voltage Range	170Vac ~ 280Vac (for personal computers); 90Vac ~ 280Vac (for home appliances)		
Rated Frequency	50Hz / 60Hz (auto-sensing)		
Output (AC)			
AC Voltage Regulation(Batt. Mode)	230Vac±5%		
Surge power	3kVA	6kVA	10kVA
Efficiency	90% ~ 93%		
Transfer Time	10ms (for personal computers); 20ms (for home appliances)		
Waveform	Pure Sine Wave		
Capacity to load air conditioner	0.75KVA / 0.75kW	1KVA / 1kW	1.7KVA / 1.7kW
Battery			
Battery Voltage	24Vdc		48Vdc
Floating	27Vdc		54Vdc
Overcharge Protection	33Vdc		63Vdc
Battery reverse polarity protection	Fuse		
Solar Charger & AC Charge			
Max. Input Current	18A		
Solar Charger Type	MPPT		
Maximum PV Array Power	2kW	4kW	5kW
MPP Range @ Operating Voltage	120Vdc ~ 380Vdc	120Vdc ~ 450Vdc	
Maximum PV Array Open Circuit Voltage	400Vdc	500Vdc	
Maximum Solar Charger Current	60A	100A	
Maximum AC Charger Current	40A	100A	
Maximum Charger Current	60A	100A	
Protection			
Protection	AC short circuit protection, AC over current protection, Output over voltage protection, Over temperature protection.		
Communication			
Display	LCD		
Communication	USB / RS232 / RS485 / Bluetooth / Dry Contact		
Standard Compliance			
Safety / EMC	IEC 62109-1:2010, IEC 62109-2:2011, EN 55032:2015, EN 61000-3-12:2011, EN 61000-3-11:2000, EN 55024:2010+A1:2015, IEC 61683		
General Data			
Dimensions (W x H x D)	280 x 390 x 100 mm	300 x 400 x 115 mm	
Weight	8.5kg	9kg	10kg
Operating Temperature	-10° C ~ +50° C		
Storage Temperature	-15° C ~ +60° C		
Cooling Method	Smart Cooling		
Protection Degree	IP21		
Noise	<55dB		
Altitude	<2000m		
Relative Humidity	5%-95% (non-condensing)		



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