

NKM Low Frequency Solar Inverter

8KW/10KW



MAIN FEATURES

- Pure sine wave 200/210/220/230/240VAC
- Built-in MPPT 100A PV Input 150VDC
- Compatible work with LiFePO4 battery via RS485
- Low frequency(Built in square transformer)
- Communication interface:RS232/RS485/Dry contact
- EQ function to optimize battery performance and extend lifecycle

Product Specifications

Model		NKM-8000	NKM-10K
Power Rating		8000W	10000W
Battery	Rated Voltage	48/72/96VDC	
	AC Charge Current	0~40A	
	Battery Type	Can be set	
Input	Voltage Range	85~138/170~275VAC	
	Frequency	45~65Hz	
Output	Voltage Range	220V(can be set):200/210/220/230/240VAC	
	Frequency	50/60Hz±1%(Inverter mode)	
	Output Wave	Pure Sine Wave	
	Switching Time	<10ms(Typical load)	
	Efficiency	>85%(80% Resistive load)	
	Overload	110~120%/60s;120~130%/10s 130~150%/2s;>150%/500ms	
	Protection	Battery overvoltage/low voltage,overload,short circuit protection,overtemperature protection,etc.	
Solar Controller	MPPT Voltage Range	48VDC:65~150VDC	
	Max.PV Input Power	48VDC/100A:5300W	
	Rated Charge Current	100A(Max)	
	MPPT Efficiency	≥99%	
	Average Charging Voltage(lead acid battery)	48V:56.8VDC	
	Floating Charge Voltage	48V:55VDC	
Operating Ambient Temperature		0~40°C	
Storage Ambient Temperature		-15~50°C	
Operating/Storage Environment		0~90°C No Condensation	
Dimensions:L*W*H(mm)		452*252*582	
Packing Size: L*W*H(mm)		525*315*650	

Note: Our company has the right of changing this user manual without any information