

NKM Series Hybrid Solar Inverter

(0.3KW、0.5KW、0.7KW、1KW、1.5KW、2KW、3KW、4KW、5KW、6KW)

MAIN FEATURES



Double CPU intelligent control technology, performance excellence



The power mode / energy saving mode / battery mode can be set. Flexible application



The LCD real-time display device parameters



Product Specifications

Model:NKM-		0.3-1KW		1.5-6KW		
Power Rating(w)		300	700	1500	3000	5000
		500	1000	2000	4000	6000
Battery	Rated Voltage(VDC)	12/24		12/24/48	24/48	48
	Charge Current	10A MAX		30A MAX		
	Battery Type	Can be set				
Input	Voltage Range	73-138VAC/145-275VAC		85-138VAC/170-275VAC		
	Frequency	45-65Hz				
Output	Voltage Range	110VAC/220VAC; ±5%(Inverter mode)				
	Frequency	50/60Hz±1%(Inverter mode)				
	Output Wave	Pure Sine Wave				
	Change Time	<10ms(Typical load)				
	Frequency	>85% (80% Resistive load)				
	Overcharge	110-120%/30S; >160%/300ms;				
Protection Function		Battery over-voltage and low-voltage protection, overload protection, short circuit protection, over-temperature protection				
MPPT Voltage Range		12VDC:15V-150VDC;24VDC:30V-150VDC;48VDC:60V ~150VDC				
PV Power		12VDC-30A(400W) ; 24VDC-30A(800W)		12VDC-60A(800W); 24VDC-60A/1600W) ; 48VDC-60A(3200W)		
Rated Charge Current		30A(Max)		60A(Max)		
MPPT Efficiency		≥99%				
Average Charging Voltage(lead acid battery)		12V/14.2VDC;24V/28.4VDC;48V/56.8VDC				
Floating Charge Voltage		12V/13.75VDC;24V/27.5VDC;48V/55VDC				
Operating Ambient Temperature		-15-+50°C				
Storage Ambient Temperature		-20-+50°C				
Operating / storage Environment		0-90% No Condensation				
Dimensions:W*D*H (mm)		420*321*125		545*461*170		
Packing size: W*D*H (mm)		515*380*205		645*555*260		

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