NKH Off-grid Hybrid Solar Inverter

1.2KW/3.6KW/5KW/6KW/8.5KW/11KW

MAIN FEATURES

- Built-in 1 or 2 MPPT
- Pure sine wave output
- Compatible work with LiFePO4 battery via RS485
- Capable to work without battery
- Wifi remote monitoring optional
- Support multiple output priority: UTL,SOL,SBU,SUB

Product Specifications

Model			NKH-1200	NKH-3600	NKH-5000	NKH-6000	NKH-8500	NKH-11K
Rated Power			1200W	3600W	5000W	6000W	8500W	11000W
Parallel Mode (function reserved)	Allow Quantity		0		1~6			
Input	Voltage		230/240VAC					
	Selectable Voltage Range	UPS	170~264VAC	170~280VAC		170~280VAC		
		INV	90~280VAC	120~280VAC		90~280VAC		
	Frequency Range		50/60Hz(Auto sensing)					
Output	AC Voltage Regulation (Batt .Mode)		208/220/230/240VAC				220/230VAC	
	Surge Power		2.4KW	7.2KW	10KW	12KW	17KW	22KW
	Efficiency(Peak)PV to INV		95%					
	Efficiency(Peak)Battery to INV		94%					
	Transfer Time		10ms					
	Overlord Capacity		1min@102%~110% Load,10s@110%~130% Load, 3s@130%~150% Load 2s@150% Load					
Battery & AC Charge	Battery Voltage		12VDC	24VDC	48VDC			
	Floating Charge Voltage		13.5VDC	27VDC	54VDC			
	Overcharge Protection		15.75VDC	32VDC	64VDC			
	Maximum Charge Current		60A	100A	80A	120A		
PV Charge	Maximum PV Array Power		1000W	5000W	5500W	9000W	5000W*2	5500W*2
	MPPT Range Operating Voltage		20~100VDC	40~430VDC	120~430VDC	60~450VDC	60~500VDC	
	Maximum PV Array Open Circuit Voltage		125VDC	450VDC	500VDC			
	Maximum Charge Current		60A	100A	80A	120A	140A	160A
	Maximum Efficiency		99%					
AC+PV Charge	Maximum Charge Current		120A	100A	80A	120A	140A	160A
Opera Ting Environment	Humidity		5~95% Relative Humidity(Non-condensing)					
	Operating Temperature		0~55°C					
	Storage Temperature		-15~60°C					
Physical	Communication Interface		USB/RS232/RS485					
	Dimension(L*W*H)mm		260*103*342	320*128*439		343*122*427	403*122*540	
	Package Size(L*W*H)mm		355*198*435	415*215*535		425*195*495	495*214*637	
	Net Weight(KG)		4.1	9	9.2		14.5	15.5
Note: Our company has the right of changing this user manual without any information								