

SNF Series

OFF GRID SOLAR INVERTER



Supports high PV voltage input (55-450V)



Supports three-phase output after single-phase parallel operation



Supports battery-less startup function



WIFI connection, APP monitoring



Supports up to 12 units in parallel



Support dry contact starting generator



SNF Series Product Introduction

MODEL	SNF1500-22406H	SNF2500-22410H	SNF3500-22410H	SNF6200-24812H	SNF11000-24816H
Rated load power	1500W	2500W	3500W	6200W	11000W
parallel function	Without parallel			≤12 units in parallel, Parallel output 380AC	≤6 units in parallel, Parallel output 380AC
MAX PV Array Power	2000W	3000W	4000W	6500W	5500W*2=11KW
MPPT input Interaction	1 way				2 way
Battery rated voltage	24VDC	24VDC	24VDC	48VDC	48VDC
Lithium battery activation	Photovoltaic charging activation		Mains&Photovoltaic charging activation		
AC INPUT					
Voltage	230VAC				
Selectable Voltage Range	170 - 280VAC (for personal computers)/90 - 280VAC (for home appliances)				
Frequency Range	50Hz / 60Hz (Auto detection)				
AC OUTPUT					
AC Voltage Regulation(Batt.Mode)	230VAC±5%				
Surge power	3000W	5000W	7000W	12000W	22000W
Transfer Time	10ms (for personal computers)/20ms (for home appliances)				
BATTERY & AC CHARGER					
Battery Voltage	24VDC	24VDC	24VDC	48VDC	48VDC
Floating Charge Voltage	27VDC	27VDC	27VDC	54VDC	54VDC
Overcharge Protection	31VDC	31VDC	31VDC	61VDC	61VDC
Maximum charge current	60A	60A	80A	80A	120A
SOLAR CHARGER					
MAX PV Array Power	2000W	3000W	4000W	6500W	5500W*2—11KW
MPPT Range@Operating Voltage	55 - 450VDC				
Maximum PV Array Open Circuit Voltage	500VDC				
Maximum PV Input Current	15A	15A	15A	27A	18A*2
Maximum Charging Current	60A	100A	100A	120A	160A
Maximum Efficiency	99%				
Parameter					
Communication	RS485				
IP level	IP21				
Certificate	CE				
Operating Temperature	-10°C to 55°C				
Storage Temperature	-15°C to 60°C				
Dimension.D*W*H(mm)	358×295×100	358×295×100	358×295×100	450×300×130	537×390×130
Net Weight (kgs)	6	6.5	7	9.6	15
Optional Configuration	WIFI module				