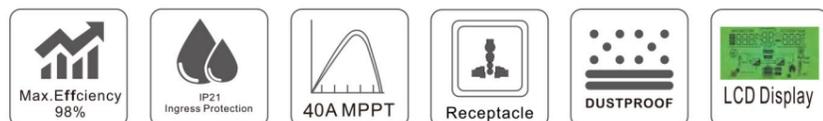


# SIS4-1K-12-S

# SIS4-1.5K-24-S



## Features

- ◎ Pure sine wave solar inverter
- ◎ Built-in 40A MPPT solar charger
- ◎ PV input voltage range 20~150VDC(for 1000W),30~150VDC(for 1500W)
- ◎ Built-in anti-dust kit for harsh environment
- ◎ Smart battery charge design to optimize battery life
- ◎ Meet rich customized demands
- ◎ Solar energy is provided directly to the load first

SIS4-1K-12-S/SIS4-1.5K-12-S  
Off Grid Solar Inverter



## Technical Specifications

Model	SIS4-1K-12-S	SIS4-1.5K-24-S
Rated Power	1000W/1000VA	1500W/1500VA
AC Input	230V AC	
Voltage	170~280V AC (For Personal Computers)	
	90~280VAC(For Home Appliances)	
Frequency Range	50Hz/60Hz(Auto sensing)	
AC Output	230V AC±5%	
AC Voltage Regulation	230V AC±5%	
Surge Power	2000VA	3000VA
Efficiency(Peak) PV TO INV	98%	
Efficiency(Peak) Battery TO INV	94%	
Transfer Time	10ms	
Battery	12VDC	
Battery Voltage	12VDC	24VDC
Floating Charge Voltage	13.5VDC	27VDC
Overcharge Protection	16VDC	32VDC
Solar Charger & AC Charger	MPPT	
Solar Charger Type	MPPT	
Maximum PV Array Power	600W	1200W
MPPT Range @ Operating Voltage	20~150VDC	30~150VDC
Maximum PV Array Open Circuit Voltage Solar	150VDC	
Maximum Solar Charging Current	40A	
Maximum AC Charging Current	40A	
Maximum Solar+AC Charging Current	80A	
Physical	290*240*91	
Dimension,D*W*H(mm)	340*295*145	
Cartoon Dimension,D*W*H(mm)	340*295*145	
Net Weight(kgs)	3.5	3.6
Gross Weight(kgs)	4.0	4.2
Environment	5% to 95% Relative Humidity(Non-condensing)	
Humidity	-10°C~50°C	
Operating Temperature	-10°C~50°C	
Standard	CE	
Compliance Safety	CE	