

# SIS4-1K-12-S

## SIS-1.5K-12-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/SIS-1.5K-12-S**  
**Off Grid Solar Inverter**



## Technical Specifications

Model	SIS4-1K-12-S	SIS-1.5K-12-S
Rated power	1000W/1000VA	1500W/1 500VA
<b>AC INPUT</b>		
voltage	230VAC	
selectable voltage Range	170-280VAC(For personal computers)	
	90~280VAC(For Home Appliances)	
Frequency Range	50HZ/60HZ(Auto sensing)	
<b>AC OUTPUT</b>		
Ac voltage Regulation	230VAC±5%	
surge power	2000VA	3000VA
Efficiency(peak)pv to INV	98%	
Efficiency(peak)Battery to INV	94%	
Transfer Time	10 ms	
<b>BATTERY</b>		
Battery voltage	12V DC	24V DC
Floating charge voltage	13.5V DC	27V DC
overcharge protection	16V DC	32V DC
<b>SOLAR CHARGER &amp;AC CHARGER</b>		
solar charger Type	MPPT	
Maximum pv Array power	600W	1200W
MPPT Range@operating voltage	20~150V DC	30~1 50V DC
Max.PV Input current	1/20A(Prohibit PV parallel connection)	
Max. Short Circuit Current Per MPPT	1/30A(Prohibit PV parallel connection)	
Max. PV Input Voltage (V)	150V DC	
Maximum solar charging current	40A	
Maximum Ac charging current	40A	
Maximum solar+Ac charging current	80A	
<b>PHYSICAL</b>		
Dimension, D*w*H(mm)	290*240*91	
cartoon Dimension, D*w*H(mm)	340*295*145	
Net weight(kgs)	3.5	3.6
Gross weight(kgs)	4.0	4.2
<b>ENVIRONMENT</b>		
Humidity	5% to 95% Relative Humidity(Non~condensing)	
operating Temperature	-10 C~50 C	
<b>STANDARD</b>		
compliance safety	CE	

