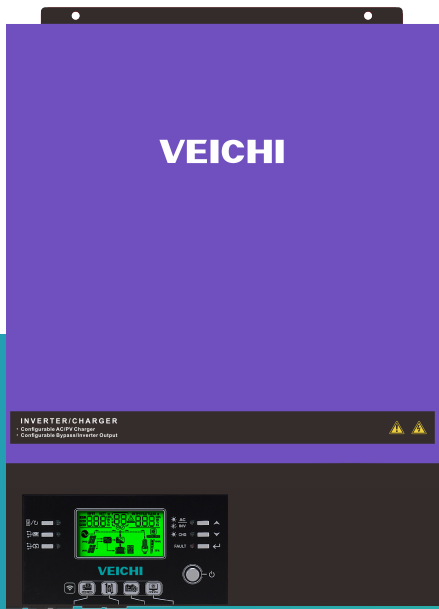


SIS-5K-48-S

Features

- Pure sine wave output
- Programmable supply priority
- Work with or without battery
- Convenient design & Installation
- Detachable LCD control module with various communications
- Integrated WiFi interface with Mobile App
- Supports USB On-the-Go function
- Reserved communication port(RS-485,CAN-BUS or RS-232) for BMS
- Battery equalization extends lifecycle
- Battery independency
- User-friendly LCD operation

SIS-5K-48-S
Off Grid/Hybrid Inverter



Technical Specifications

Model	SIS-5K-48-S
Rated Power	5000W
Input	
Voltage	230V AC
Selectable Voltage Range	/
Frequency Range	50Hz/60Hz(Auto sensing)
Output	
AC Voltage Regulation(Batt.Mode)	230V AC ± 5%
Surge Power	10000VA
Efficiency(Peak)	90%~93%
Transfer Time	“15ms(For Personal Computers) 20ms(For Home Appliances)”
Waveform	Pure sine wave
Dual Outputs	Yes
Battery	
Battery Voltage	48V DC
Floating Charge Voltage	54V DC
Overcharge Protection	63V DC
Solar Charger & AC Charger	
Solar charger Type	MPPT
Maximum PV Array Power	5000W
MPPT Range & Operating Voltage	120~450 VDC
Maximum PV Array Open Circuit Voltage	500V DC
Maximum Solar Charge Current	100A
Maximum AC Charge Current	100A
Maximum Charge Current	100A
Protection	
Over Temperature	Integrated
Battery Low	Integrated
Battery High	Integrated
Output Short Circuit	Integrated
Output Voltage too High	Integrated
Output Voltage too Low	Integrated
Bus Voltage High	Integrated
Bus Voltage Low	Integrated
PV Voltage is Over Limitation	Integrated
Physical	
Dimension , D×W×H (mm)	115*300*400
Net Weight (kgs)	10
Communication Interface	USB/RS232/RS485/Wifi/Dry-contact
Operating Environment	
Humidity	5%~95% Relative Humidity(Non-condensing)
Operating Temperature	-10°C~50°C
Storage Temperature	-15°C~60°C