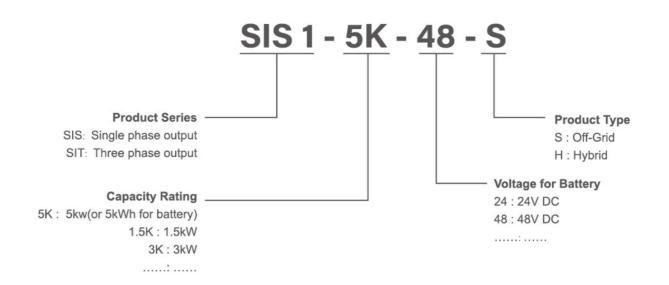
VEICHI

SI Series Off Grid/Hybrid Inverter





Model Description



Off Grid

MODEL	SIS-3K-24-S	SIS-5K-48-S	SIS1-3.6K-24-S	SIS1-5.6K-48-S	SIS
Rated Power	3000W	5000W	3600W	5600W	
INPUT					
Voltage	230VAC	230VAC	230VAC	230VAC	
Selectable Voltage Range	1	1			
Frequency Range	50Hz/60Hz (Auto sensing)	50Hz/60Hz (Auto sensing)	50Hz/60Hz (Auto sensing)	50Hz/60Hz (Auto sensing)	50Hz/60
OUTPUT					
AC Voltage Regulation (Batt. Mode)	230VAC ± 5%	230VAC ± 5%	230VAC ± 5%	230VAC ± 5%	23
Surge Power	6000VA	10000VA	7200VA	11200VA	
Efficiency (Peak)	90%~93%	90%~93%	90%~93%	90%~93%	(
Transfer Time	,	'15ms (For Personal Computers)) 20ms (For Home Appliances)"		
Waveform	Pure sine wave	Pure sine wave	Pure sine wave	Pure sine wave	Pur
Dual Outputs	Yes	Yes	No	No	
BATTERY					
Battery Voltage	24VDC	48VDC	24VDC	48VDC	
Floating Charge Voltage	27VDC	54VDC	27VDC	54VDC	
Overcharge Protection	33VDC	63VDC	33VDC	63VDC	
SOLAR CHARGER & AC CHARGER					
Solar Charger Type	MPPT	MPPT	MPPT	MPPT	
Maximum PV Array Power	4000W	5000W	4000W	6000W	
MPPT Range & Operating Voltage	120 ~ 450 VDC	120 ~ 450 VDC	120 ~ 450 VDC	120 ~ 450 VDC	15
Maximum PV Array Open Circuit Voltage	500VDC	500VDC	500VDC	500VDC	
Maximum Solar Charge Current	100A	100A	120A	120A	
Maximum AC Charge Current	100A	100A	100A	100A	
Maximum Charge Current	100A	100A	120A	120A	
PROTECTION					
Over temperature	Integrated	Integrated	Integrated	Integrated	
Battery low	Integrated	Integrated	Integrated	Integrated	1
Battery high	Integrated	Integrated	Integrated	Integrated	
Output short circuit	Integrated	Integrated	Integrated	Integrated	
Output voltage too high	Integrated	Integrated	Integrated	Integrated	
Output voltage too low	Integrated	Integrated	Integrated	Integrated	ı
Bus voltage high	Integrated	Integrated	Integrated	Integrated	1
Bus voltage low	Integrated	Integrated	Integrated	Integrated	
PV voltage is over limitation	Integrated	Integrated	Integrated	Integrated	1
PHYSICAL					
Dimension, D×W×H (mm)	115×300×400	115×300×400	119×313.6×422.8	119×313.6×422.8	8
Net Weight (kgs)	9	10	10	12	
Communication Interface		USB/RS232/RS485	5/WIFI/Dry-contact		
OPERATING ENVIRONMENT					
Humidity					
Operating Temperature	-10°C to 50°C	-10℃ to 50℃	-10 °C to 50 °C	-10 °C to 50 °C	-10
Storage Temperature	-15°C to 60°C	-15°C to 60°C	-15°C to 60°C	-15°C to 60°C	-1: