

SAKO SKN-H SERIES HIGH FREQUENCY HOME INVERTER

- Micro Processor Control
- User selectable for accepting wider input voltage
- Full automatic and silent operation
- Automatic Line-to-Battery Switch over
- Intelligent Automatic Charging Technology
- Rack and Tower design
- Automatic charge while AC recovery(off model charging)
- High Efficient DC-to-AC conversion.minimizing energy loss
- Over load , short circuit protection
- Low battery protection
- Cool start
- Isolated output
- Compatibility with generators
- Multi-function LED Display Design and buzzer alarms.
- Application for Fan, light ,TV and office Appliances



Feature

Modified Sine Wave Inverter/Charger System
 The Desirable Long Backup Power Solution For Home And Office Appliances.

SPECIFICATION	MODEL	SKN-H600	SKN-H1000	SKN-H1000	SKN-H2000
DC INPUT					
Input Voltage(Vdc)		12	12	24	24
Input DC Range(Vdc)		10~15		20~30	
AC Bypass in "on/off" switch off mode					
Input AC Range(Vac)		110/120VAC or 120/230/240VAC			
		50-145VAC or 90-280VAC (Wide Range)			
Input Frequency(Hz)		50/60 HZ			
Bypass Output Voltage(Vac)		SAME AS INPUT AC			
Bypass Output Frequency(Hz)		SAME AS INPUT Frequency			
Charge Current(A)		10A±2A			
Charge Floating Voltage(V)		13.75±0.2V		27.5±0.4V	
Over Charge Voltage(V)		15.0V±0.4V Charge stop		30.0V±0.8V Charge stop	
AC Efficiency		> 97%			
Transfer Time(ms)		Typical 10ms			
AC OUTPUT (INVERTER)					
Capacity(VA)		600	1000	1000	2000
Output Power(W)		360	600	600	1200
Output Voltage		110/220VAC			
Output Frequency		50/60HZ			
Output Current(A)		2.7/1.6	4.5/2.7	4.5/2.7	9.1/5.5
Voltage Precision(VAC)		110/220±10%			
Frequency Precision(HZ)		50/60Hz±0.1HZ			
Wave		modify sine wave			
Power Factor(PF)		0.6			
Inversion Efficiency		>85%			
Bypass Transfer time(ms)		<=8 ms			

Over load capacity	over load 110%,60s later shut offer			
PROTECTION				
Protection	over load/ short circuit protection Over charge , discharge protection			
AMBIENT				
Noise(dB)	<=40 (1 mter)			
Temperature	-20~45 degree			
Humidity	0~95% (no condensation)			
Sea Level(m)	<=1500			
DIMENSION				
Package L×W×H(mm)	350*128*310			
Weight(Kg)	3.1	3.6	3.3	3.9