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SAKO HIGH FREQUENCY HOME INVERTER SKN-H SERIES



SAKO SKN-H SERIES MAIN FUNCTION

- 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
- Selectable Charge Current
- Compatibility With Generators
- Multi-Function LED&LCD Display Design And Buzzer Alarms
- Application For Fan, Light ,TV And Office Appliances
- Modified Sine Wave Inverter/Charger System



OHSMS 28001 ISO 9001:2000 ISO 14001:2004



SAKO SKN-H SERIES TECHNICAL PARAMETER

MODEL	SKN-H600	SKN-H1000	SKN-H1200	SKN-H1000	SKN-H2000	SKN-H2400
SPECIFICATION						
DC INPUT						
Input Voltage (VDC)	12VDC	12VDC	12VDC	12VDC	24VDC	24VDC
Input DC Range (VDC)	10~15VDC			20~30VDC		
AC BYPASS (IN "ON/OFF" SWITCH OFF MODE)						
Input AC Range (VAC)	220/230/240VAC 177 - 280VAC (Narrow Range) or 90 - 280VAC (Wide Range)					
Input Frequency (Hz)	50/60Hz					
Bypass Output Voltage (VAC)	Same As Input AC					
Bypass Output Frequency (Hz)	Same As Input Frequency					
Charge Current (A)	10A ± 2A or 10A and 20A Selectable					
Charge Floating Voltage (VDC)	13.75 ± 0.2VDC			27.5 ± 0.4VDC		
Over Charge Voltage (VDC)	15.0V ± 0.4V Charge Stop			30.0V ± 0.8V Charge Stop		
AC Efficiency	> 97%					
Transfer Time (ms)	Typical 15ms					
AC OUTPUT (INVERTER)						
Capacity (VA)	600	1000	1200	1000	2000	2400
Output Power (W)	360	600	720	600	1200	1440
Output Voltage (VAC)	220VAC					
Output Frequency (Hz)	50/60Hz					
Output Current (A)	2.7/1.6	4.5/2.7	5.4/3.2	4.5/2.7	9.1/5.5	10.8/6.4
Voltage Precision (VAC)	220VAC ± 10%					
Frequency Precision (Hz)	50/60Hz ± 0.1Hz					
Wave	Modify Sine Wave					
Power Factor (PF)	0.6					
Inversion Efficiency	> 85%					
Bypass Transfer Time (ms)	<= 8ms					
Over Load Capacity	Over Load 110%, 60s Later Shut Off					
PROTECTION						
Protection	Over load / short circuit protection / over charge / discharge Protection					
AMBIENT						
Noise (dB)	<=40dB (1 Meter)					
Temperature	-20°C ~ 45°C Degree					
Humidity	0~95% (No Condensation)					
Sea Level (m)	<= 1500m					
DIMENSION						
Package L×W×H (mm)	L638*W370*H552 mm (10PCS In One Carton)					
G.W. (KG) / Carton	26.5KG	27.5KG	27.8KG	27.2KG	28.2KG	28.6KG