

SAKO PURE SINE WAVE INVERTER SKN-M SERIES



SAKO SKN-M SERIES MAIN FUNCTION

- Micro Processor Control
- Pure Sine Wave
- Wide Input Voltage Range
- Intelligent Automatic Voltage Regulating Technology
- Intelligent Automatic Voltage Charging Technology
- Over Load, Short Circuit Protection
- Over Temperature Protection
- By Pass System
- Automatic Charge Even Inverter Is Off
- Shut Off Output By Manual If No Need Power
- Low Battery Protection
- Over Voltage, Low Voltage Protection
- With Polarity Protection
- Compatibility With Generators
- The LED & LCD Display Design Option



OHSMS 28001 ISO 9001:2000 ISO 14001:2004



SAKO SKN-M SERIES TECHNICAL PARAMETER

MODEL	SKN-M500VA	SKN-M1000VA	SKN-M2000VA	SKN-M3000VA	SKN-M4000VA	SKN-M5000VA	SKN-M8KVA	SKN-M10KVA
SPECIFICATION								
DC INPUT								
Input Voltage (VDC)	12	24	24	48	48	48	96	96
Input Current (A)	52	52	104	78	104	130	104	130
Input DC Range (VDC)	10~14	20~28	20~28	40~56	40~56	40~56	80~112	80~112
AC BYPASS								
Input AC Range (VAC)	110VAC~270VAC					165VAC~265VAC		
Input Frequency Range (Hz)	Same As The City Power							
Input Current (A)	3.6	7.3	14.5	21.8	29.1	36.4	51.7	64.6
Charge Current (A)	8-12AMP			15-25AMP				
Transfer Time (ms)	UPS Setting :<= 4ms Generator :<= 1s						≤ 10ms	
AC OUTPUT								
Capacity (VA)	500	1000	2000	3000	4000	5000	8000	10000
Output Power (W)	400	800	1600	2400	3200	4000	6400	8000
Output Voltage (VAC)	220VAC ± 3% (In Inverter Model)							
Output Frequency (Hz)	50Hz/60Hz							
Output Current (A)	1.8	3.6	7.3	10.9	14.5	18.2	29.1	36.4
Voltage Precision (VAC)	220VAC ± 3%					Same As Input		
Frequency Precision (Hz)	50±1% / 60±1% (In Inverter Model)							
Wave Distortion (TCKJ)	<= 5%							
Power Factor (PF)	0.8							
Overload Capacity	100%~120%, 25s		120%~200%, 1s		>200%, 0.1s			
Inversion Efficiency	≥ 82%						≥ 85%	
Bypass Transfer Time (ms)	≤ 4ms						≤ 10ms	
PROTECTION								
Protection	Over temperature/ over load/ over voltage/ low battery/ low voltage/ input low/ high voltage/ short current 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)	L520×W240×H327 mm			L600×W335×H475 mm			L720×W470×H715 mm	
Weight (KG)	9.5KG	15KG	22KG	28KG	35KG	38KG	71KG	81KG