

SKN-MG Series Pictures

MAIN FUNCTION

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

Feature

Pure Sine Wave Inverter/Charger System

The Desirable Long Backup Power Solution For Home And Office Appliances.



TECHNICAL PARAMETER

SPECIFICATION	MODEL	SKN-MG 500VA	SKN-MG 1KVA	SKN-MG 2KVA	SKN-MG 3KVA	SKN-MG 4KVA	SKN-MG 5KVA	SKN-MG 8KVA	SKN-MG 10KVA	
DC INPUT										
Input Voltage (VDC)		12	12	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)		300	600	1200	1800	2400	3000	4800	6000	
Output Voltage (VAC)		220VAC ± 3% (In Inverter Model)								
Output Frequency (Hz)		50Hz/60Hz								
Output Current (A)		1.4	2.7	5.5	8.2	10.9	13.6	21.8	27.3	
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)		0.6								
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	