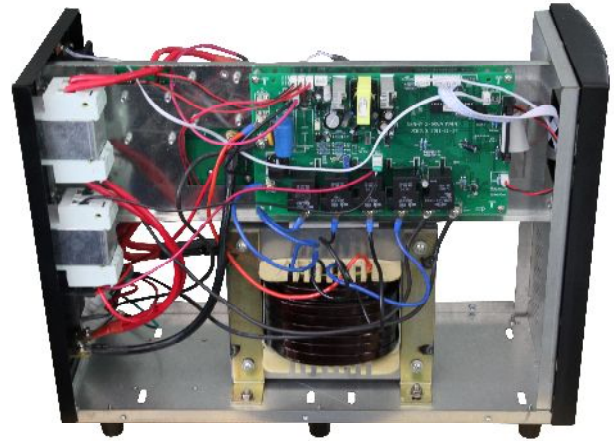


SAKO SKN-M SERIES PURE SINE WAVE INVERTER



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
- Overtemperature 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



MAIN FUNCTION

| MODEL | SKN-M500VA | SKN-M1000VA | SKN-M2000VA | SKN-M3000VA | SKN-M4000VA | SKN-M5000VA |
|---------------------------|--|-------------|-------------|-------------|-------------|-------------|
| SPECIFICATION | | | | | | |
| DC INPUT | | | | | | |
| Input Voltage(Vdc) | 12 | 24 | 24 | 48 | 48 | 48 |
| Input Current(A) | 52 | 52 | 104 | 78 | 104 | 130 |
| Input DC Range(Vdc) | 10~14 | 20~28 | 20~28 | 40-56 | 40-56 | 40-56 |
| AC BYPASS | | | | | | |
| Input AC Range(Vac) | 110V-270V | | | 165-260V | | |
| Input Frequency Range(Hz) | Same as the City power | | | | | |
| Input Current(A) | 3.6 | 7.3 | 14.5 | 21.8 | 29.1 | 36.4 |
| Charge Current | 8-12AP | | | 15-20A P | | |
| Transfer Time(ms) | UPS Setting : <=4 ms/ Generator : <=1s | | | | | |
| AC OUTPUT | | | | | | |
| Capacity(VA) | 500 | 1000 | 2000 | 3000 | 4000 | 5000 |

| | | | | | | |
|--------------------------|--|-----|------|---------------|------|------|
| Output Power(W) | 400 | 800 | 1600 | 2400 | 3200 | 4000 |
| Output Voltage | 220VAC+-3% (IN INVERTER MODEL) | | | | | |
| Output Frequency | 50HZ/60HZ | | | | | |
| Output Current(A) | 1.8 | 3.6 | 7.3 | 10.9 | 14.6 | 18.2 |
| Voltage Precision(VAC) | 220±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%, 1 S, >200%, 0.1S | | | | | |
| Inversion Efficiency | 100% | | | | | |
| Bypass Transfer time(ms) | <=4 ms | | | | | |
| PROTECTION | | | | | | |
| Protection | over temperature/ over load/ over voltage/ | | | | | |
| | low battery/ low voltage/ Input low/ hight voltage/ short current 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 | 520×240×327 | | | 600×335×475 | | |
| Weight(Kg) | 9.5 | 15 | 22 | 28 | 35 | 38 |

The final specs according to the sales offered.