

## IPS (Inverter for Power Pupply)



### SKN Series Pure Sine Wave Inverter

**Main function:**

- Micro Processor Control
- Pure Sine Wave
- Intelligent Automatic Voltage Charging Technology
- Line Interactive Design
- Strong Protective Function: over load; over voltage; over temperature; low battery; low voltage; short circuit
- The Special LED Display Design

**Technical parameter:**

MODEL	SKN-Z500	SKN-Z1000	SKN-Z2000	SKN-Z3000	SKN-Z4000	SKN-Z5000
SPECIFICATION						
DC INPUT						
Input Voltage(Vdc)	12/24	24	48	48	48	48
Input Current(A)	50/25	50	50	75	100	125
Input DC Range(Vdc)	10~15/20~30	20~30	40~60			
AC BYPASS						
Input AC Range(Vac)	170~250					
Bypass Voltage(Vac)	170~250					
Input Current(A)	2.3	4.5	9.1	13.6	18.2	22.7
Charge Current	5A~8A					
Transfer Time(ms)	<=1s					

AC OUTPUT						
Capacity(VA)	500	1000	2000	3000	4000	5000
Output Power(W)	350	700	1400	2100	2800	3500
Output Voltage	220VAC					
Output Frequency	50HZ					
Output Current(A)	1.6	3.2	6.4	9.5	12.7	15.9
Voltage Precision(VAC)	220±3%					
Frequency Precision(HZ)	50±1%					
Wave Distortion(TCKJ)	<=3%					
Power Factor(PF)	0.7					
Overload Capacity	100%~120%, 25 mins, 120%~200%, 1 mins, >200%, 0.1 mins					
Inversion Efficiency	85%					
Bypass Transfer time(ms)	<=17 ms					
PROTECTION						
Protection	over temperature/ over load/ over voltage/					
	low battery/ low voltage/ Input low/ high 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 LxWxH(mm)	520x240x327			600x335x475		
Weight(Kg)	10	15.5	23	29	40	45