

# Ture Sine Wave Inverter /Charger

# KSC-1000P

## Electrical Specifications-Inverter

Model	KSC-1000P-112□	KSC-1000P-124□	KSC-1000P-148□	KSC-1000P-212□	KSC-1000P-224□	KSC-1000P-248□
Output Power(Continuous)	1000Watt	1000Watt	1000Watt	1000Watt	1000Watt	1000Watt
Surge Power	2000Watt	2000Watt	2000Watt	2000Watt	2000Watt	2000Watt
Output Frequency Regulation	60HZ±0.3	60HZ±0.3	60HZ±0.3	50HZ±0.3	50HZ±0.3	50HZ±0.3
Inverter Voltage Regulation	110V±5%	110V±5%	110V±5%	220V±5%	220V±5%	220V±5%
Output Wave Form	Ture Sine Wave	Ture Sine Wave	Ture Sine Wave	Ture Sine Wave	Ture Sine Wave	Ture Sine Wave
Efficiency(full load)	85%	85%	85%	85%	85%	85%
Peak Efficiency	90%	90%	90%	90%	90%	90%
No Load Current Draw	0.75A	0.45A	0.31A	0.75A	0.45A	0.31A
AC Output Connection	Single	Single	Single	Single	Single	Single
AC Transfer Switch	10A	10A	10A	10A	10A	10A

## Electrical Specifications-Charger

Charge Rate	10A	5A	3A	10A	5A	3A
AC Input Voltage Range	80-135VAC	80-135VAC	80-135VAC	180-240VAC	180-240VAC	180-240VAC
Battery Voltage(Nominal)	12VDC	24VDC	48VDC	12VDC	24VDC	48VDC
Battery Voltage	10-15VDC	20-30VDC	40-60VDC	10-15VDC	20-30VDC	40-60VDC
Low Battery Cut-Out	10±0.5VDC	20±1VDC	40±2VDC	10±0.5VDC	20±1VDC	40±2VDC
Bulk Charge Voltage	14.6VDC	29.2VDC	59.2VDC	14.6VDC	29.2VDC	59.2VDC
Folat Charge Volage	13.8VDC	27.6VDC	55.2VDC	13.8VDC	27.6VDC	55.2VDC
Charge Control	3-Stage	3-Stage	3-Stage	3-Stage	3-Stage	3-Stage

## General Specification

WORKING TEMP.	0 ~ +40℃	0 ~ +40℃	0 ~ +40℃	0 ~ +40℃	0 ~ +40℃	0 ~ +40℃
WORKING HUMIDITY	20% ~ 90% RH non-condensing					
STORAGE TEMP	-30℃ ~ +70℃ / -22 ~ +158 °F, 10 ~ 95% RH					
DIMENSION(MM)	395*150*70	395*150*70	395*150*70	395*150*70	395*150*70	395*150*70
PACKING(MM)	540*420*300	540*420*300	540*420*300	540*420*300	540*420*300	540*420*300
COOLING	One Fan	One Fan	One Fan	One Fan	One Fan	One Fan

## Protection

Over Load	120% rated load for 10 sec.Protection type : Shut down o/p voltage, re-power on to recover					
Over Temperature	≥45℃ or ≥60% rated power, cooling fan open;≥70℃,Shut off.					
Over Voltage	15±0.5VDC	30±1VDC	60±2VDC	15±0.5VDC	30±1VDC	60±2VDC
Under Volatage	10±0.5VDC	20±1VDC	40±2VDC	10±0.5VDC	20±1VDC	40±2VDC

## Packing Including:

- 1) 1000Watt Inverter With Charger
- 2) Connect Cable( Black and Red)
- 3) User Manual

Note:Specification subject to change without notice