



## KCT-1K24

PURE SINE WAVE INVERTER WITH CHARGER

### SPECIFICATION

<b>MODEL</b>	KCT-1K24
<b>AC INPUT</b>	
Voltage Range	220VAC (+25%, -36%)
Frequency Range	50/60Hz $\pm$ 2.5Hz
<b>OUTPUT</b>	
Rated Power	1000W
Instantaneous Power	3000W
Wave Form	Pure Sine Wave
Battery Efficiency	81%
AC Efficiency	93%
Output Voltage	220VAC (AC Mode $\pm$ 10%, Battery Mode $\pm$ 5%)
Output Frequency	50Hz/60Hz $\pm$ 0.5Hz (AC Mode $\pm$ 2.5Hz)
Transfer Time	4ms/8ms Optional
USB Output	DC 5V/1AX 1+5V/2AX 1 (Optional)
<b>CONNECTOR</b>	
Input/Output	Input & Output terminals
Battery	Terminals
<b>BATTERY</b>	
Voltage	24Vdc
Charging Current	0-20A Adjustable
<b>LCD</b>	
Method	LCD+LED
Content	Input/Output Voltage, Battery Voltage, Battery Capacity, Load Capacity, Working mode, Frequency
<b>PROTECTION</b>	
Battery Reversal	Optional
Output Short Circuit	AC Mode: Jump Fuse, Inverter Mode: Shut Down
Overload	If Overload 105%, Inverter will alarm. If Overload 130%, Inverter will shut down in 10s. Once the inverter is off, It must be turned on manually
High AC Voltage	Turn Off AC, Turn to Inverter Mode Automatically
Low DC Voltage	Inverter will shut down automatically, Once the AC recover, Inverter will turn on and charge automatically
Over Temperature	Inverter will alarm and turn off output but it will recover to normal state after cooling down
<b>ENVIRONMENT</b>	
Humidity	15-93% (No Condensation)
Temperature	-10°C ~ 50°C
Altitude	$\leq$ 3000m
<b>MECHANICAL SPECIFICATIONS</b>	
Machine Dimension (D×W×H)	455×235×155 mm
Packing Dimension (D×W×H)	550×295×200 mm
Nett Weight	14 kg/pc
Gross Weight	15.5 kg/pc