



KCT-1K12

PURE SINE WAVE INVERTER WITH CHARGER

SPECIFICATION

MODEL	KCT-1K12
AC INPUT	
Voltage Range	220VAC (+25%)
Frequency Range	50/60Hz \pm 2.5Hz
OUTPUT	
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)
CONNECTOR	
Input/Output	Input & Output terminals
Battery	Terminals
BATTERY	
Voltage	12Vdc
Charging Current	0-20A Adjustable
LCD	
Method	LCD+LED
Content	Input/Output Voltage, Battery Voltage, Battery Capacity, Load Capacity, Working mode, Frequency
PROTECTION	
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
ENVIRONMENT	
Humidity	15-93% (No Condensation)
Temperature	-10°C ~ 50°C
Altitude	\leq 3000m
MECHANICAL SPECIFICATIONS	
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