



300W Pure Sine Wave Inverter DC-AC Power Inverter

KS-300P Series



■ Features:

- ◆ Pure sine wave output (THD<4%).
- ◆ Continuous power:300W.
- ◆ Max constant power start:360W continue 10s.
- ◆ High efficiency up to 91%.
- ◆ Power ON-OFF switch.
- ◆ Front panel indicator for operation status.
- ◆ Load and Thermostatically controlled cooling fan.
- ◆ Protections: Bat. low alarm / Bat. low shutdown / Over voltage / Over temp/ Output short / Input polarity reverse / Overload.
- ◆ Application : Home appliance, power tools, office and portable equipment, vehicle and yacht .etc.
- ◆ Optional Remote control jack.
- ◆ Optional USB port.
- ◆ One years warranty.

SPECIFICATION

MODEL		KS-300P-112□	KS-300P-124□	KS-300P-148□	KS-300P-212□	KS-300P-224□	KS-300P-248□
OUTPUT	RATED POWER(Typ.)	300W	300W	300W	300W	300W	300W
	MAX OUTPUT POWER	360W for for 10 sec					
	AC VOLTAGE	100 / 110 / 115 / 120VAC			200 / 220 / 230 / 240VAC		
	FREQUENCY	60±0.2Hz, 50/60Hz optional			50±0.2Hz,50/60Hz optional		
	WAVEFORM	Pure sine wave (THD<4%) at rated input voltage					
	AC REGULATION (Typ.)	±10%					
INPUT	FRONT PANEL INDICATOR	Output load level, fault and operation status					
	BAT. VOLTAGE	12V	24V	48V	12V	24V	48V
	VOLTAGE RANGE (Typ.)	10 ~ 15VDC	20 ~ 30VDC	40~ 60VDC	10~ 15VDC	20~ 30VDC	40~ 60VDC
	DC CURRENT (Typ.)	20A	15A	7.5A	20A	15A	7.5A
	NO LOAD DISSIPATION	≤0.32A	≤0.25A	≤0.12A	≤0.32A	≤0.25A	≤0.12A
	EFFICIENCY (Typ.) Note.1	88%	89%	90%	89%	90%	91%
BATTERY INPUT PROTECTION	BATTERY TYPES	Open & sealed Lead Acid					
	FUSE	35A*1	20A*1	10A*1	35A*1	20A*1	10A*1
	BAT. LOW ALARM	10.5±0.5V	21±1V	42±2V	10.5±0.5V	21±1V	42±2V
	BAT. LOW SHUTDOWN	10±0.5V	20±1V	40±2V	10.±0.5V	20±1V	40±2V
	BAT.OVER SHUTDOWN	15±0.5V	30±1V	60±2V	15±0.5V	30±1V	60±2V
OUTPUT PROTECTION	BAT. POLARITY	By external/internal fuse open					
	OVER TEMPERATURE	≥45°C or ≥60% rated power, cooling fan open; ≥70°C, Shut off. Protection type : Shut down o/p voltage, re-power on to recover; by internal Thermistor detect on heatsink of power transistor					
	OUTPUT SHORT	Protection type : Shut down o/p voltage, re-power on to recover					
	OVER LOAD (Typ.)	120% rated load for 10 sec. Protection type : Shut down o/p voltage, re-power on to recover					
ENVIRONMENT	WORKING TEMP.	0 ~ +40°C @ 100% load ; 60°C@ 50% load					
	WORKING HUMIDITY	20% ~ 90% RH non-condensing					
	STORAGE TEMP., HUMIDITY	-30°C~ +70°C/ -22 ~ +158 °F, 10 ~ 95% RH					
CERTIFICATES	CE,LVD, RoHS						
OTHERS	Remote control jack(Optional)	Wire control switch					
	USB(Optional)	5V,500mA					
	DIMENSION	130*150*70mm (L*W*H)					
	PACKING	54*42*30mm ;12PCS/CTN;15.5KGS					
	COOLING	Loading and Thermostatically controlled cooling fan					
NOTE	1.Efficiency is tested by 300W, linear load at 13V, 26V, 52V input voltage. 2.All parameters not specified above are measured at rated load, 25 of ambient temperature.						

Remark: Datasheet subject to change without notice .