

LKS 300W - 1500W

Pure Sine Wave Inverter Controller LKS Series

LKS Series 300W - 1500W (1ph in / 1ph out)

Key Features:



- Pure Sine Wave Output
- Inbuilt 15A AC Charger, With UPS Function
- Battery Reverse Connection Protection
- Comprehensive Protection for High / Low Voltage, Overload, Short-Circuit and Over-Temperature etc
- Selectable Battery Priority or Utility Priority
- 3 Times Surge Power Enable it Can Support any Types of Sensitive Loads
- Inbuilt Solar PWM Charge Controller (MPPT Controller Optional)

Shenzhen UPSen Electronic CO., Ltd.

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Technical Specification:

Model	LKS 300	LKS 500	LKS 700	LKS 1000	LKS 1200	LKS 1500
Rated Power	300W	500W	700W	1000W	1200W	1500W
Peak Power	600W	1000W	1400W	2000W	2400W	3000W
AC Input Voltage Range	70V-135VAC (110VAC / 120VAC)					
	140V-275VAC (220VAC / 230VAC)					
Input Frequency Range	45-65Hz					
Battery Voltage	12VDC / 24VDC					
DC Voltage	12VDC:10.5-15VDC / 24VDC:21-30VDC					
Battery Under Voltage Alarm	10.5VDC / 21VDC					
Battery Under Voltage Protection	10VDC / 20VDC					
Battery Voer Voltage Protection	17V ±0.5V / 34V±0.5V					
Voltage Over Voltage Alarm	15V-16VDC / 30V-32VDC					
Overload Protection	Rated Power of 110% or More					
Temperature Protection	≥85℃ Alarm, ≥90℃ off the Machine					
Inverter Output Voltage	110VAC / 120VAC / 220VAC / 230VAC ±2%					
Inverter Output Frequency	50 / 60Hz ±10%					
Inverter Output Waveform	Pure Sine Wave					
AC Output Voltage Range	output 110VAC / 120VAC / 220VAC / 230VAC ±10%					
Output Frequency Range	Automatic Tracking					
Conversion Time	≤5ms					
cooling method	Intelligent Fan Control, ≤42℃ Fan Slow Working, ≥45℃ Fan High Working					
AC Charging Current	15A					
Working Mode Selection	<p>Free to Choose(SET)</p> <p>01: AC priority / city power priority: when city power is available, the inverter will work AC output, city power will supply power to appliances. the city power charges power to battery. when city power failed, will use battery power to take the appliances.</p> <p>02: Energy saving mode load power ≤10% off the machine, ≥11% -100% turn on</p> <p>03: Battery priority when it have has battery power, battery supply power to the appliances. When battery voltage ≤10.5V, inverter will automation use city power to take the appliances, When battery voltage reach 13V inverter will use battery power.</p>					
PWM Controller	Max 10A		Max 20A		Max 30A	
Solar Mode Max PV Input Open Circuit(Voc)	12V System: 24VDC; 24V System: 50VDC					
Solar Mode Max Input PV Power	12V 10A: 120W, 24 10A: 240W / 12V 20A: 240W, 24 20A: 480W / 12V 30A: 360W, 24V 30A: 720W					
Solar Mode External Size(mm) D*W*H	300*290*150mm					
Packing Size(mm) D*W*H	350*350*405(2pcs)					
Net Weight(kg)	5	6	6.5	7.5	8.5	9.5
Cross Weight(kg)	12	14	15	17	19	21
*Product Specifications are Subject to Change Without Notice.						