



Pure Sine Wave



[16sq*2.7M]

Outer size and specifications



▪ Specifications for each model (12V-220V)

No.	PARAMETER		KEY1015S	KEY1020S	KEY1030S	LIMIT
1	DC input voltage		12V			10V-16V
2	DC input voltage standard		13.4V			
3	Output voltage no load		AC225V			AC220V ±5%
4	Output power max		1500W	2000W	3000W	±5%
5	Surge rating		3000W	4000W	6000W	±5%
6	Output power continuous		1300W	2000W	2500W	±5%
7	Efficiency (output)		89%			±3%
8	THD[max]		1000W 1.1%	1000W 1.1%	1000W 1.1%	MAX 2.5%
9	No load current	no fan	0.70A	0.96A	1.20A	±0.1A
		on fan	0.94A	1.26A	1.50A	
10	Low battery shut down		DC 9.8V			±0.5V
11	Low battery return on power		11.0V			±0.5V
12	High battery shut down		DC 17.0V			±1.0V
13	High battery return on power		15.0V			±0.5V
14	Frequency selection[50hz/60hz]		60hz & 50hz			±0.3hz
15	Regulation		max5% within			-
16	Temperature characteristics		-25°C ~ 72°C (temperature inside)			75°C ±5°C
17	Over temperature power on		58°C (temperature inside)			±5°C
18	Output wave form		Pure sine wave (D.S.P)			-
19	Cooling fan(auto fan)		fan on temperature 45°C on			-
20	Overload protection	input circuit breaker	-	2600W	3500W	maximum output +300W
		output circuit breaker	-			
		input/output fuse	1800W			
		overheat temperature	72°C			
21	Dimensions		186×74×365	225×89×420	225×89×488	-
22	Weight / color		5.0kg/Silver	5.2kg/Silver	5.6kg/Silver	-

▪ Devices used

Induction, electric/electronic products with built-in inverter circuit

[Air conditioner (for about 20m² - 3kw or above), electric rice cookers (electronic type), electric pad (electronic type), fans (electronic type), refrigerators, imported refrigerators, chargers (electrically powered, for communication devices, recharging pack), three-phase inverters, motor controllers, PLC circuits, devices with built-in control function]

LED lamps exceeding 100W, laser printers, precision test devices, precision medical equipment, communication/video/audio devices, solar lights, mercury lamps/halogens/HQI, non-linear load, motor pumps, coil load/trans, other electric/electronic products, devices malfunctioning under modified sine wave

✘ **The power consumption of various devices used (electric/electronic products) shall be within the output range of the inverter.**

✘ To improve performance, product specification can be changed without notice.



فروشگاه اروین سولار

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