



Pure Sine Wave



[10sq*2.7M]

Outer size and specifications



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

No.	PARAMETER		KEY160S	KEY180S	KEY1001S	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		600W	800W	1000W	±5%
5	Surge rating		1200W	1500W	2000W	±5%
6	Output power continuous		480W	650W	800W	±5%
7	Efficiency (output)		89%			±3%
8	THD[max]		360W 1.1%	360W 1.1%	360W 1.1%	MAX 2.5%
9	No load current	no fan	0.67A	0.63A	0.65A	±0.1A
		on fan	0.79A	0.75A	0.77A	
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, 60hz & 50hz Specifications of order]	60hz & 50hz		±0.3hz
15	Regulation		max5% within			-
16	Temperature characteristics		-25℃ ~ 72℃ (temperature inside)			75℃ ±5℃
17	Over temperature power on		58℃ (temperature inside)			±5℃
18	Output wave form		Pure sine wave (D.S.P)			-
19	Cooling fan(auto fan)		fan on temperature 45℃ on			-
20	Overload protection	input circuit breaker	-			maximum output +300W
		output circuit breaker	-			
		input/output fuse	800W	1000W	1300W	
		overheat temperature	72℃			±5℃
21	Dimensions		186×74×240	186×74×270	186×74×290	-
22	Weight / color		1.5kg/Silver	1.7kg/Silver	2.9kg/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.



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تلفن: ۰۲۱ - ۳۳۹۹۹۰۵۶
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