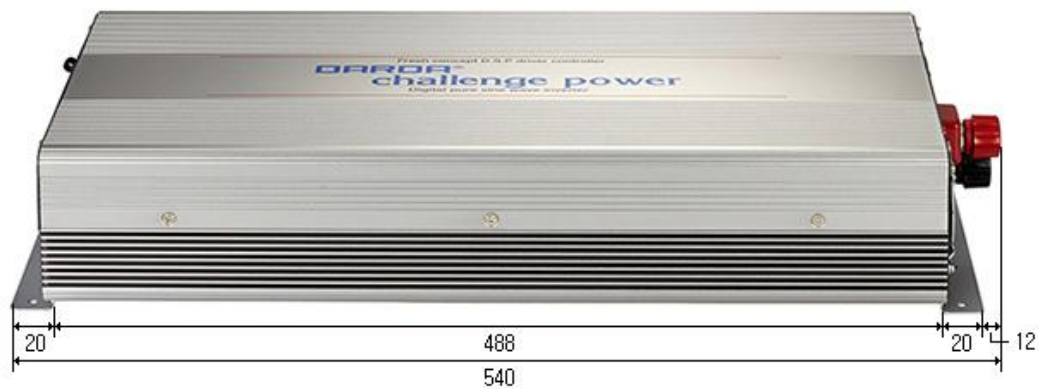


Pure Sine Wave



Outer size and specifications



▪ Specifications for each model (24V-220V)

No.	PARAMETER		KEY2015S	KEY2020S	KEY2030S	LIMIT
1	DC input voltage		24V			20V-30V
2	DC input voltage standard		26.8V			
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	0.40A	0.70A	0.58A	±0.1A
		on fan	0.64A	0.86A	0.74A	
10	Low battery shut down		DC 20.0V			±0.5V
11	Low battery return on power		22.0V			±0.5V
12	High battery shut down		DC 30.0V			±1.0V
13	High battery return on power		28.0V			±0.5V
14	Frequency selection[50hz/60hz]		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 (28KHz)			
19	Cooling fan(auto fan)		fan on temperature 42℃ on			
20	Overload protection	input circuit breaker	-	2600W	3500W	maximum output +300W
		output circuit breaker	-			
		input/output fuse	1800W			
			overheat temperature	72℃		
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.