



Pure sine wave



[6sq*2.7M]

Outer size and specifications



No.	PARAMETER		DK4810	DK4815	DK4820	DK4830	DK4840	LIMIT
1	DC input voltage		48V					DC41.0V~59.0V
2	DC input voltage standard		53.6V					±5%
3	Output voltage no load		AC225V					220V ±5%
4	Output power continuous		1000W	1500W	2000W	3000W	4000W	±5%
5	Surge rating		2000W	3000W	4000W	6000W	8000W	±10%
6	Efficiency et rated power		91%					±3%
7	THD [max]		360W 1.1%	1000W 1.1%				MAX 2.0%
8	No load current	no fan	0.32A	0.34A	0.4A	0.44A	0.4A	±0.1A
		on fan	0.41A	0.49A	0.6A	0.64A	0.77A	
9	Low battery shut down		40.2V					±0.5V
10	Low battery return on power		42.5V					±0.5V
11	High battery shut down		61.0V					±1.0V
12	High battery return on power		59.0V					±0.5V
13	Frequency[50/60] selection		60Hz (50hz/60hz select switch)					±0.8hz
14	Regulation		1200W/222Vac	1900W/222Vac	2500W/222Vac	3500W/222Vac	4500W/222Vac	
15	Over temperature protection		-25°C ~ +74°C					78°C ±0.5°C
16	Over temperature power on		58°C					60°C ±0.5°C
17	Output wave form		Pure sine wave (D.S.P)					
18	Cooling fan(auto fan)		Fan on temperature 44°C (±0.5°C)					±5°C
19	Insulation transformer tester (withstand voltage)		2KV ~ 2.5KV					±0.5KV
20	Overload protection	input sensor	-	-	100A	100A	100A	PL cable type
		input fuse	30A(1EA)	40A(1EA)	30A(2EA)	40A(2EA)	40A(3EA)	Car fuse type
		output sensor	20A(Sensor)	20A(Sensor)	20A(Sensor)	20A(Sensor)	20A(Sensor)	Terminal type
		output circuit breaker	6A(SS-001)	10A(SS-001)	10A(SS-001)	16A(SS-001)	20A(SS-001)	SS-001 DCP-PSH(PR)
		AC outlet / terminal	2P Outlet 16A					Output socket terminal
21	FCC certification FCC EMC/EMI		FCC part 15 sub part B class A					
22	KC certification KC EMC/EMI		-	-	-	-	-	
23	Dimensions[mm] (D×H×W)		195×89×290	195×89×365	225×89×440	225×89×530	225×89×550	±3mm
	Weight[kg]		3.4kg	4.4kg	5.5kg	6.9kg	8.3kg	±200g

• Devices used

SMPS, Replacements for power generators, Induction, electric/electronic products with built-in inverter circuit, [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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هت بلند ۰۲۱ - ۳۳۹۹۹۰۷۲

www.ervinsolar.ir
ervinsolar@hotmail.com