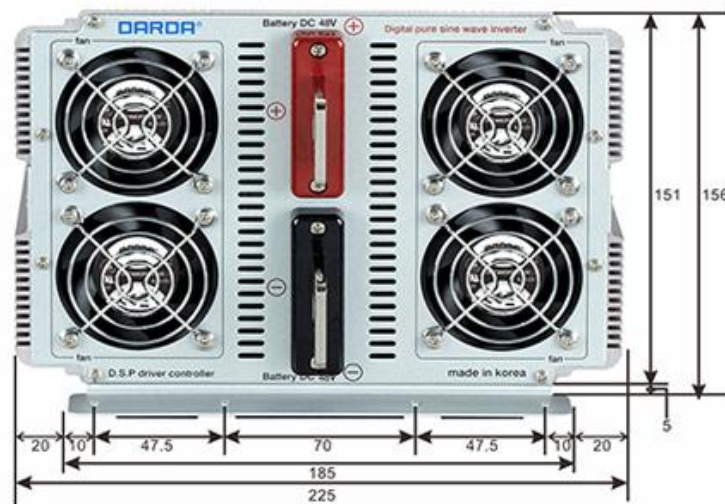


Pure sine wave (순수정현파)



Outer size and specifications



No.	PARAMETER		DK4850	DK4860	DK4880	DK4810K	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		5000W	6000W	8000W	10000W	±5%
5	Surge rating		10KW	12KW	16KW	20KW	±10%
6	Efficiency et rated power		91%				±3%
7	THD [max]		2500W 1.1%		3500W 1.1%		MAX 2.0%
8	No load current	no fan	0.62A	0.7A	0.75A	0.65A	±0.1A
		on fan	1.12A	1.2A	1.36A	1.41A	
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		5500W/222Vac	6500W/222Vac	8500W/222Vac	10000W/222Vac	
15	Over temperature protection		-25℃ ~ +74℃				78℃ ±0.5℃
16	Over temperature power on		58℃				60℃ ±0.5℃
17	Output wave form		Pure sine wave (D.S.P)				
18	Cooling fan(auto fan)		Fan on temperature 44℃ (±0.5℃)				±5℃
19	Insulation transformer tester (withstand voltage)		2KV ~ 2.5KV				±0.5KV
20	Overload protection	input sensor	100A	100A	100A	100A	PL cable type
		input fuse	40A(2EA) 30A(2EA)	40A(4EA)	40A(6EA)	40A(8EA)	Car fuse type
		output sensor	20A(Sensor)	50A(Sensor)	50A(Sensor)	50A(Sensor)	Terminal type
		output circuit breaker	25AH(DCP-PR) 17A(SS-001)	30AH(DCP-PR) 17A(SS-001)	45AH(DCP-PR) 16A*2(SS-001)	50AH(DCP-PR) 16*2A(SS-001)	SS-001 DCP-PSH(PR)
		AC outlet / terminal	2P Outlet 16A / 1P-20A(EU-US) 3P-60A Terminal				Output socket terminal
21	FCC certification FCC EMC/EMI		FCC part 15 sub part B class A				
22	KC certification KC EMC/EMI		MSP-REM-pnk-DK4850	MSP-REM-pnk-DK4860	MSP-REM-pnk-DK4880	-	
23	Dimensions[mm] (D×H×W)		225×154×498	225×154×580	225×154×650	225×154×750	±3mm
	Weight[kg]		10.5kg	12.3kg	15.0kg	17.5kg	±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.