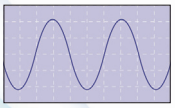
Domestic model

DK1210 / DK2410 / DK4810



DK1215 / DK2415 / DK4815

DK1220 / DK2420 / DK4820

Export model

DK SERIES (1KW~2KW) KC EMC Class

PARAMETER		DK1210	DK1215	DK1220	DK2410	DK2415	DK2420	DK4810	DK4815	DK4820
DC input voltage		12V			24V			48V		
DC voltage standard		13.4V			26.8V			53.6V		
AC voltage standard		AC223V			AC223V			AC223V		
Output power continuous		1000W	1500W	2000W	1000W	1500W	2000W	1000W	1500W	2000W
Surge rating		2000W	3000W	4000W	2000W	3000W	4000W	2000W	3000W	4000W
Efficiency et rated power		91%			91%			91%		
THD [max]		360W 1.1%	1000W 1.1%		360W 1.1%	1000W 1.1%		360W 1.1%	1000W 1.1%	
No load current	no fan	0.9A	1.1A	1.39A	0.6A	0.74A	0.76A	0.32A	0.34A	0.4A
	on fan	1.3A	1.45A	1.84A	0.7A	0.82A	1.01A	0.41A	0.49A	0.6A
Low battery shut down		10.2V			20.0V			40.2V		
Low battery return on power		11.2V			22.4V			42.5V		
High battery shut down		17.2V			31.7V			61.0V		
High battery return on power		15.2V			30.0V			59.0V		
Frequency[50/60] selection		60HZ (50hz/60hz select switch)			60HZ (50hz/60hz select switch)			60HZ (50hz/60hz select switch)		
Regulation		1200W/222Vac	1900W/222Vac	2500W/222Vac	1200W/222Vac	1900W/222Vac	2500W/222Vac	1200W/222Vac	1900W/222Vac	2500W/222Vac
Over temperature protection		-25℃ ~ +74℃			-25℃ ~ +74℃			-25℃ ~ +74℃		
Over temperature power on		58℃			58℃			58℃		
Output wave form		Pure sine wave (D.S.P)			Pure sine wave (D.S.P)			Pure sine wave (D.S.P)		
Cooling fan [auto fan]		Fan on temperature 40℃ (±0.5℃)			Fan on temperature 40℃ (±0.5℃)			Fan on temperature 40℃ (±0.5℃)		
Insulation transformer		2KV ~ 2.5KV			2KV ~ 2.5KV			2KV ~ 2.5KV		
Over load protection	Input senser	-	-	100A	-	-	100A	-	-	100A
	Input fuse	40A(2EA) 30A(1EA)	40A(4EA)	40A(6EA)	30A(2EA)	40A(2EA)	40A(3EA) 30A(1EA)	30A(1EA)	40A(1EA)	30A(2EA)
	Output sensor	20A(Sensor)	20A(Sensor)	20A(Sensor)	20A(Sensor)	20A(Sensor)	20A(Sensor)	20A(Sensor)	20A(Sensor)	20A(Sensor)
	Output circuit breaker	6A(SS-001)	10A(SS-001)	10A(SS-001)	6A(SS-001)	10A(SS-001)	10A(SS-001)	6A(SS-001)	10A(SS-001)	10A(SS-001)
	AC outlet/terminal	2P Outlet 16A			2P Outlet 16A			2P Outlet 16A		
FCC (EMC) / AC120V		FCC part 15 sub part B class A			FCC part 15 sub part B class A			FCC part 15 sub part B class A		
KC (EMC) / AC220V		MSP-REM-pnk-DK1210	MSP-REM-pnk-DK1215	MSP-REM-pnk-DK1220	MSP-REM-pnk-DK2410	MSP-REM-pnk-DK2415	MSP-REM-pnk-DK2420	MSP-REM-pnk-DK4810	MSP-REM-pnk-DK4815	MSP-REM-pnk-DK4820
Dimensions [W×H×D(mm)]		195×89×290	195×89×365	225×89×440	195×89×290	195×89×365	225×89×440	195×89×290	195×89×365	225×89×440
Weight		3.4kg	4.4kg	5.5kg	3.4kg	4.4kg	5.5kg	3.4kg	4.4kg	5.5kg

PRODUCT IN USE

Induction electric stove, Precision test equipment, Precision medical equipment, Precise audio-video equipment, Electric rice cooker(inverter type), Electric pad(inverter type), Electric fan, Refrigerator(inverter type) Import refrigerator, Microwave oven, Charger(electric, communication transmit-receive, charge park), Electric three-phases inverter, Motor controller, LED bulb, Laser printers, Solar lamp, Mercury/Halogen/HQI lamp, Non-linear loads[motor, coil, etc], Other electrical or electronic equipment, and equipment while could experience malfunction due to similer step form waves

ON/OFF SURGE

When turned-on, by controlling surge time from DSP program for more than 1.5 seconds, we can realize stronger surge in absorbing power of motor, fridge & etc, and, when turned-off, as extinguishing time of lamp is around 2.5 seconds, the operation of turn-on switch will be stopped till complete lights-out, so all the equipments connected can be protected and remaining current in purse & circuit can be erased, by blocking sudden re-operation or repetitive on/off.

BLOCKING OVERLOAD

By sensing higher operation of load than equipment via self-diagnosis(DSP) program three times, if we could find excessed load capacity than given one, then it would be blocked automatically while less load capacity than given one would make it operate.

☞ Specification of the product may change without notification for the improvement of performance.