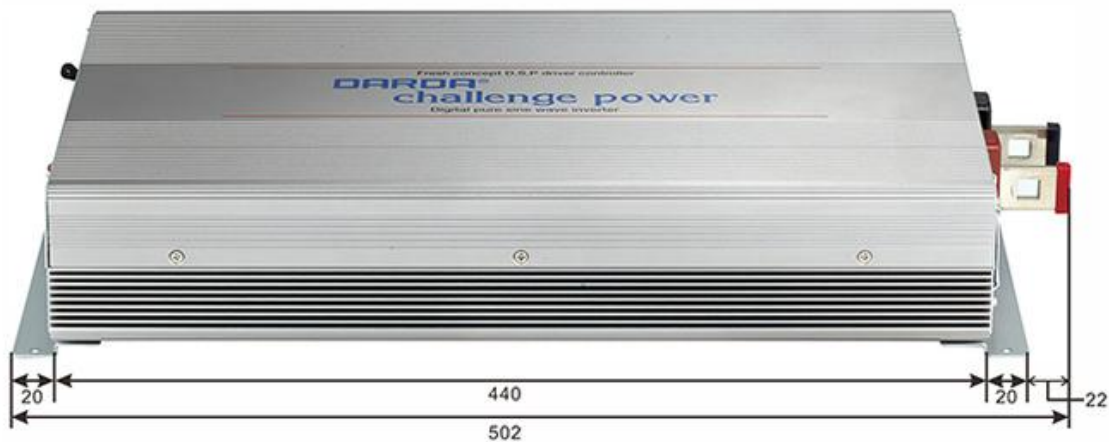
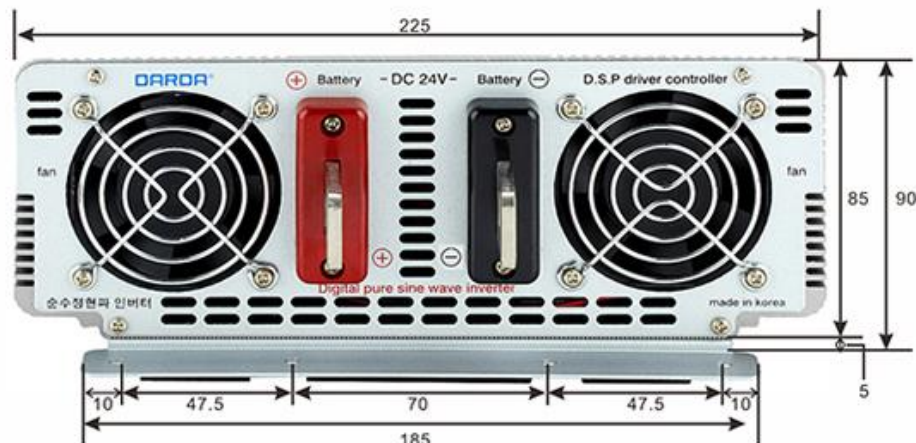


Pure sine wave



## Outer size and specifications



| No. | PARAMETER                                         |                        | DK2410                         | DK2415                 | DK2420                 | DK2430                 | DK2440       | LIMIT                  |
|-----|---------------------------------------------------|------------------------|--------------------------------|------------------------|------------------------|------------------------|--------------|------------------------|
| 1   | DC input voltage                                  |                        | 24V                            |                        |                        |                        |              | DC21.0V~30.0V          |
| 2   | DC input voltage standard                         |                        | 26.8V                          |                        |                        |                        |              | ±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                 | 0.6A                           | 0.74A                  | 0.76A                  | 0.79A                  | 0.8A         | ±0.1A                  |
|     |                                                   | on fan                 | 0.70A                          | 0.82A                  | 1.01A                  | 1.2A                   | 1.24A        |                        |
| 9   | Low battery shut down                             |                        | 20.0V                          |                        |                        |                        |              | ±0.5V                  |
| 10  | Low battery return on power                       |                        | 22.4V                          |                        |                        |                        |              | ±0.5V                  |
| 11  | High battery shut down                            |                        | 31.7V                          |                        |                        |                        |              | ±1.0V                  |
| 12  | High battery return on power                      |                        | 30.0V                          |                        |                        |                        |              | ±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℃ ~ +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℃) |                        |                        |                        |              | ±0.5℃                  |
| 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(2EA)                       | 40A(2EA)               | 40A(3EA)<br>30A(1EA)   | 40A(5EA)               | 40A(5EA)     | 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<br>DCP-PSH(PR)  |
|     |                                                   | AC outlet / terminal   | 2P Outlet 16A                  |                        |                        |                        |              | Output socket terminal |
| 21  | FCC certification<br>FCC EMC/EMI                  |                        | FCC part 15 sub part B class A |                        |                        |                        |              |                        |
| 22  | KC certification<br>KC EMC/EMI                    |                        | -                              | MSP-REM-<br>pnk-DK2415 | MSP-REM-<br>pnk-DK2420 | MSP-REM-<br>pnk-DK2430 | -            |                        |
| 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.