

## HYUNDAI UPS

### Online UPS 2KVA~10KVA

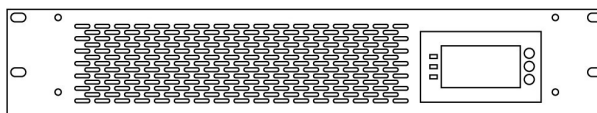
#### Features:

- True double-conversion online UPS
- Wide input voltage range (110-300VAC)
- SNMP/RS232 communications
- Rack online UPS 2KVA to 10KVA

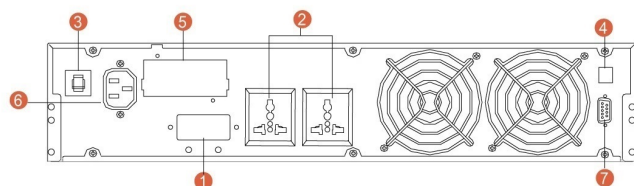
#### Back Panel:



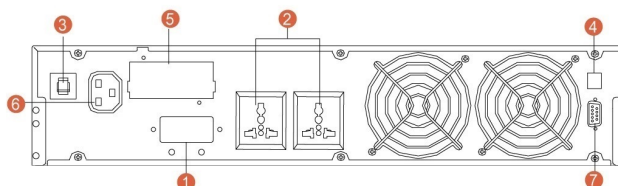
#### LCD Display information



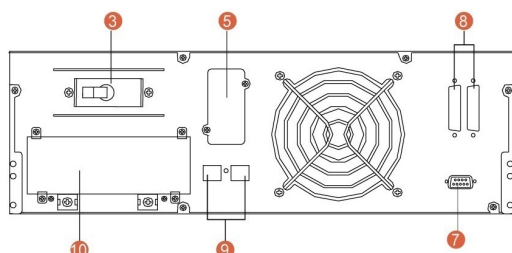
LCD model - Front panel



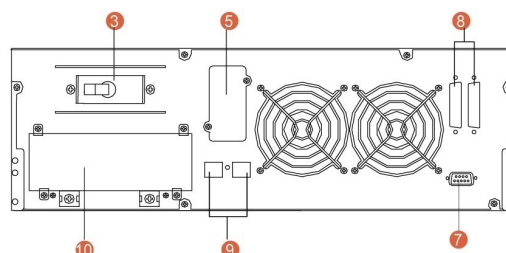
2KR9 - Rear Panel



3KR9 - Rear panel



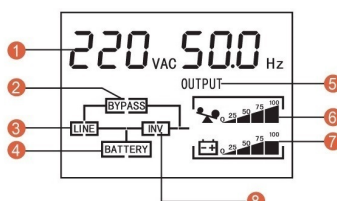
6KR9 - Rear panel



10KR9 - Rear Panel

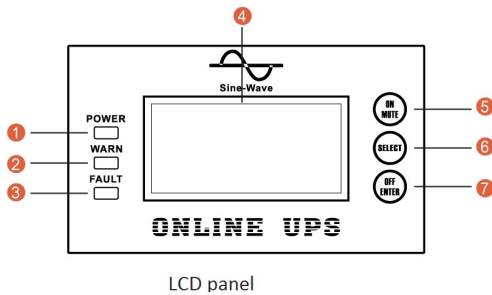
- |                            |                   |
|----------------------------|-------------------|
| 1. External Battery Socket | 2.AC Input Socket |
| 2.AC Output Socket         | 7.RS232           |
| 3.Circuit Breaker          | 8.Parallel Cover  |
| 4.USB                      | 9.FAX/MODEM       |
| 5.Intelligent Interface    | 10.Terminal Cover |

#### LCD display

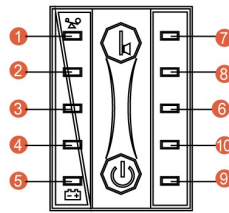


- |                      |                        |
|----------------------|------------------------|
| 1. Parameters        | 5. Parameters type     |
| 2. Bypass indicator  | 6. Load information    |
| 3. Line indicator    | 7. Battery information |
| 4. Battery indicator | 8. Inverter indicator  |

### LED Display information

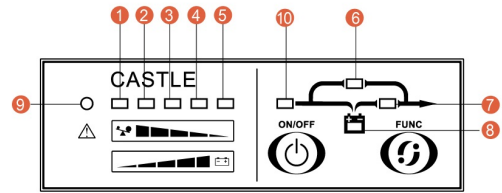


- 1. Inverter Output
- 2. Standby
- 3. Fault
- 4. LCD Screen
- 5. On/mute
- 6. Select
- 7. Off/enter



LED panel - 2/3KR9

- 1. LED1: Load/battery capacity info
- 2. LED2: Load/battery capacity info
- 3. LED3: Load/battery capacity info
- 4. LED4: Load/battery capacity info
- 5. LED5: Load/battery capacity info



LED panel - 6/10KR9

- 6. LED6: Bypass info
- 7. LED8: INVERTER INFO
- 8. LED9: BATTERY INFO
- 9. LED10: FAULT INFO
- 10. LED7: LINE INFO

### Specifications

| MODEL                   | HD-2KR9                                                                    | HD-3KR9    | HD-6KR9                                      | HD-10KR9  |
|-------------------------|----------------------------------------------------------------------------|------------|----------------------------------------------|-----------|
| Capacity                | 2KVA/1.8KW                                                                 | 3KVA/2.7KW | 6KVA/5.4KW                                   | 10KVA/9KW |
| INPUT                   |                                                                            |            |                                              |           |
| Nominal Voltage         | 220VAC                                                                     |            |                                              |           |
| Voltage Range           | 110~300VAC                                                                 |            | 120~276VAC                                   |           |
| Frenquency Range        | 40~70Hz; 50/60Hz Autoadaptation                                            |            | 46~54Hz                                      |           |
| Power Factor            | 0.99                                                                       |            | 0.99                                         |           |
| Connection              | Universal x 2                                                              |            | Terminal Block                               |           |
| OUTPUT                  |                                                                            |            |                                              |           |
| Voltage                 | 208/220/230/240*(±1%)VAC                                                   |            |                                              |           |
| Frequency               | 50/60Hz±4(Line mode)<br>50/60Hz±0.2Hz(Battery mode)                        |            |                                              |           |
| Waveform                | Pure sine wave                                                             |            |                                              |           |
| Overload Capability     | Load<110%,Keep working; 110%<Load≤130%>1min;<br>130%<Load≤150% Immediately |            | 105%~125% for 1 min.<br>125%~135% 30s Bypass |           |
| Current Crest Ratio     | 3:1                                                                        |            |                                              |           |
| BYPASS                  |                                                                            |            |                                              |           |
| Automatic Transfer      | on overload and UPS failure                                                |            |                                              |           |
| Transfer Time           | 0 ms; less than 4ms from inverter to bypass and vice versa                 |            | Zero                                         |           |
| LCD status              | Load/Battery/Input/Output/Operation Mode                                   |            |                                              |           |
| ENVIRONMENT             |                                                                            |            |                                              |           |
| Operating Temperature   | 0 ~ 40℃                                                                    |            |                                              |           |
| Operating Humidity      | 20 ~ 90% non-condensing                                                    |            |                                              |           |
| MAIN UNIT               |                                                                            |            |                                              |           |
| Net Weight (Kg)         | 9.5                                                                        | 10         | 20                                           |           |
| Dimension WxHxD (mm)    | 476 x 482.6 x 88                                                           |            | 482 x 600 x 132                              |           |
| BATTERY PACK (BP)       |                                                                            |            |                                              |           |
| Type                    | External battery Pack                                                      |            |                                              |           |
| Nominal DC Voltage      | 72VDC                                                                      | 96VDC      | 192VDC                                       |           |
| Backup Time (Full load) | 8-10mins                                                                   | 7-9mins    | 8-10mins                                     | 5-7mins   |
| Net Weight (Kg)         | 22.5                                                                       | 27.8       | 51.36                                        | 59.36     |
| Dimension WxHxD (mm)    | 465 x 480 x 88                                                             |            | 483 x 600 x 132                              |           |

\* Product specifications are subject to change without further notice.