

# HYUNDAI UPS

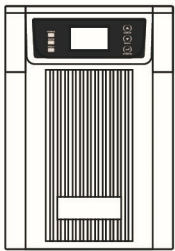
## Online UPS 1KVA~3KVA

### Feature:

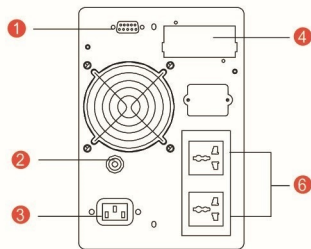
- Rated power 1KVA to 3KVA
- Pure sine wave output
- IGBT technology
- N+X parallel redundancy
- LCD+LED Display
- Cold start function
- Support RS232 monitoring function



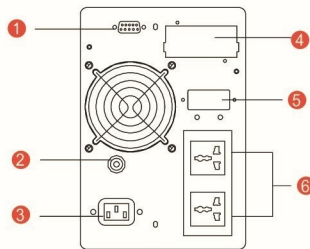
### LCD Display Information



1KVA  
Front Panel

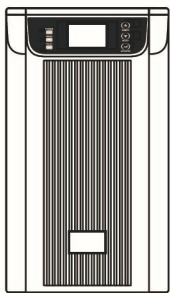


1KT9

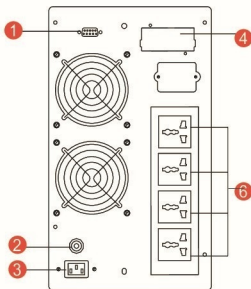


1KS

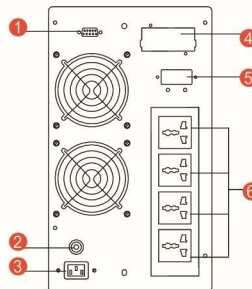
1. RS232
2. Breaker
3. AC Input Socket
4. Intelligent Interface
5. External Battery Socket
6. AC Output Socket
7. AC Output



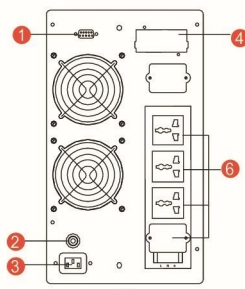
2/3KVA  
Front Panel



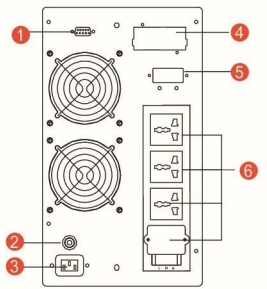
2KT9



2KS

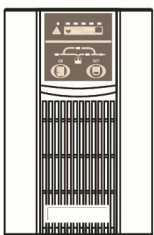


3KT9

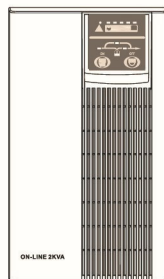
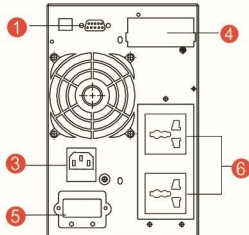


3KS

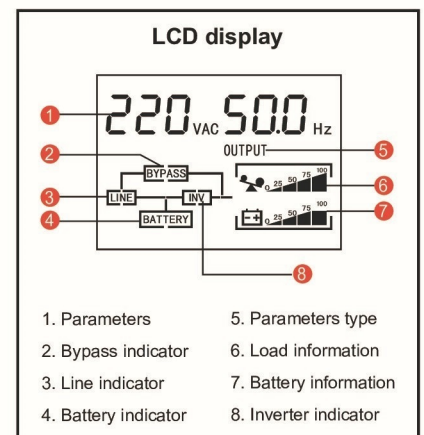
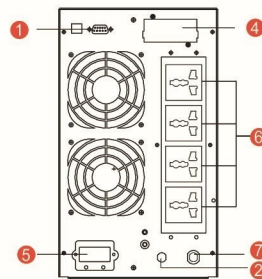
### LED Display Information

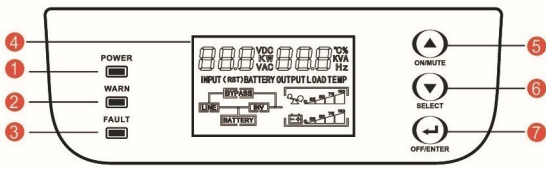


1KT9/1KS



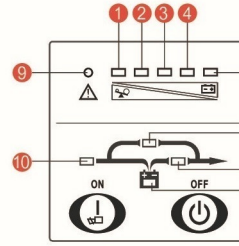
2-3KT9/2-3KS





LCD Panel

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



LED Panel

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

## Specification

MODEL	HD-1KT9	HD-1KS	HD-2KT9	HD-2KS	HD-3KT9	HD-3KS
Capacity(VAW)	1000VA/900W		2000VA/1800W		3000VA/2700W	
<b>INPUT</b>						
Phase	Single Phase					
Voltage Range	110-300VAC					
Frequency	40~70Hz; 50/60Hz Autoadaptation					
Power Factor	>0.99					
<b>OUTPUT</b>						
Voltage Range	208/220/230/240x(±1%)VAC					
Frequency Range	Main mode:(46~54)Hz/(56~64)Hz Battery mode:50(±0.1%)Hz/60(±1%)Hz					
Crest Ratio	3:1					
Harmonic distortion	≤3%THD (Linear load); ≤5%THD (Nonlinear load)					
Power Factor	0.9					
Output Waveform	Pure Sine Wave					
Outlet	universal x2		universal x 4		universal x3 + Terminal	
<b>TRANSFER TIME</b>						
Transfer Time	0ms					
Inverter To Bypass	<4ms					
<b>INDICATOR</b>						
LED	Load/Battery capacity/Main mode/Bypass mode/Fault					
LCD	Load/Battery/Input/Output/Operation Mode					
<b>ENVIRONMENT</b>						
Operating Environment	0~40°C					
Humidity	20-90%(non-condensing)					
Noise	<50db@1 Meter					
Temperature	-25°C~55°C(no battery)					
<b>OTHER</b>						
Communications	RS232 ( Available ); USB/SNMP(Optional)					
Protection	Load<110%:Keep working; 110%<Load≤130%:1min;130%<Load≤150%:30s; Load>150%: Immediately					
Efficiency	Up to 85%			Up to 88%		
Battery Inbuilt	3 pcs x 12V/7.2AH	External battery	6 pcs x 12V/7.2AH	External battery	8 pcs x 12V/7.2AH	External battery
Backup Time(100% load)	8~10mins	/	8~10mins	/	7~9mins	/
Battery DC Voltage	DC36V		DC72V		DC96V	
<b>PHYSICAL</b>						
Machine Dimension W*H*D(mm)	145*220*400			192*348*460		
Net Weight(kgs)	12	6.2	24.7	13	29.8	14
Gross Weight	13.8	7.6	26.5	14	31.6	14.4

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