



# ST3HR Series High Frequency Online UPS

6/10kVA 1Phase Input/1Phase Output

## ◆Application

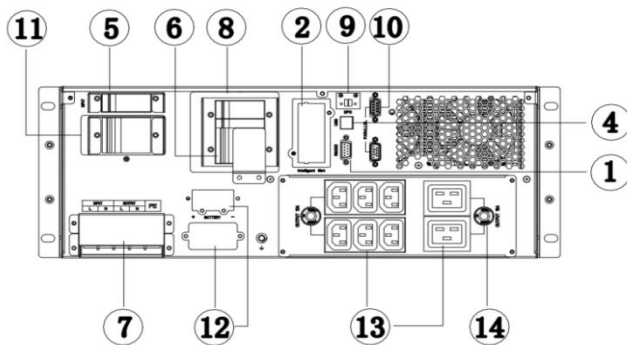
IDC(Internet Data Center), network ,servers and workstations, control system, communication system, office, PC etc



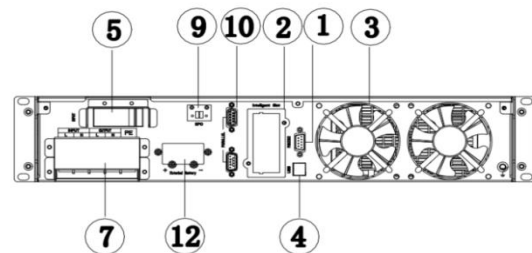
## ◆Feature

- True online double-conversion technology
- Wide input voltage range and stable power supply extends battery lifetime
- DSP based technology
- Advanced PFC technology, input PF>99%
- Lighting and surge protection
- LCD/LED display
- Support generator connection

## ◆Rear Panel



6KS/10KS



6KL/10KL

- |                              |   |
|------------------------------|---|
| ① RS232                      | ⑧ Output breaker                          |
| ② Smart slot                 | ⑨ EPO                                     |
| ③ Fan                        | ⑩ Parallel port                           |
| ④ USB                        | 11 Battery breaker                        |
| ⑤ Input breaker              | 12 External battery connection port       |
| ⑥ Maintenance bypass breaker | 13 Output socket                          |
| ⑦ Terminal block             | 14 Output over current protection breaker |

## ◆ Specification

Model	ST3HR06KS	ST3HR06KL	ST3HR10KS	ST3HR10KL
Capacity	6kVA/6kW		10kVA/10kW	
<b>Input</b>				
Rated Voltage	208/ 220/230/240Vac, L+N+PE			
Voltage Range	110~300Vac			
Frequency Range	40-70Hz			
Power Factor	≥0.99			
THDi	≤5%(linear load); ≤8%(non-linear load)			
<b>Output</b>				
Rated Voltage	208/220/230/240Vac, L+N+PE			
Voltage Regulation	±1%			
Frequency	50/60Hz±0.1%			
THDu	≤2% (linear load); ≤5% (non-linear Load)			
Transfer Time	Zero			
Waveform	Pure sine wave			
Crest Ratio	3:1			
Overload Capacity (Line Mode)	102%~105% load, 30min; 105%~125% load, 10min; 125%~150% load, 30s; >150% load, 500ms			
Overload Capacity (Battery Mode)	102%~105% load, 10min; 105%~125% load, 1min; 125%~150% load, 10s; >150% load, 500ms			
<b>Battery</b>				
Battery Type	Sealed lead acid maintenance free			
Nominal Voltage	192Vdc / 240Vdc			
Battery Number	7Ah*16pcs	External	9Ah*16pcs	External
Charging Current	1A	1-12A settable	1A	1-12A settable
<b>Efficiency</b>				
Line Mode	95%			
Battery Mode	94.5%			
ECO Mode	98%			
<b>Communication</b>				
Interface	RS232 / USB/ SNMP card(optional) /Dry contact card (optional)			
<b>Environment</b>				
Operation Temperature	0~40°C			
Humidity	0~95%(non-condensing)			
Noise	≤50dB@1meter away			
Altitude	Up to 1000m without derating			
<b>Physical</b>				
Dimensions (W*D*H) mm	440x753x173	440x487x86	440x753x173	440x487x86
Weight (kg)	58	11	61.3	12

All specifications are subject to change without prior notice.

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