

Online high frequency (3 Phases)

Feature

- 1> High-frequency online three phase big power UPS, the output can be connected to 100% unbalanced load, and the three phases input are always keep balanced.
- 2> With the battery boost architecture, the number of battery uses is less
- 3> than other models which with same power.
- 4> The number of battery cells and charging current can be directly set through the touch screen, which is more convenient to use.
- 5> High-frequency line interactive three phase UPS, the output can be connected to unbalanced load, and the three phases input always keep the load balanced.
- 6> Support N+X parallel redundancy and up to 8 units
- 7> The power input uses the mains power supply, and it can start up without battery.
- 8> Has a powerful Extensible functional interface: RS232, RJ485, SNMP card, environmental monitoring card, dry



Specifications

| MODEL | PT33-60KS | PT33-80KS |
|----------------------------|---|------------|
| Rated capacity | 60KVA/48KW | 80KVA/64KW |
| INPUT | | |
| Voltage range | 207Vac-475Vac 3P4W+G | |
| Frequency range | 40-70Hz(Adjustable) | |
| Factor | > 0.99 | |
| OUTPUT | | |
| Rated voltage & position | 380Vac(1 ± 1%) 3P4W+G | |
| Output frequency | When AC ranges from 46 to 54Hz, output frequency is synchronized with AC ; When AC ranges from 40 to 64Hz or 54 to 60Hz, the output is 50Hz; 50Hz (Battery mode) | |
| Roted current | 91A | 121A |
| Factor | 0.8 | |
| Output harmonic | ≤3% | |
| Current cvest factor | 3:1 | |
| Overload capacity | 105% ± 5% < Load ≤ 125% ± 5%, 60s transfer to bypass; 125% ± 5% < Load ≤ 135% ± 5%, 30s tranfer to bypass; Load > 135% ± 5%, 300ms tranfer to bypass | |
| Ac-transfer time | 0ms | |
| Efficiency | > 90% | |
| BATTERY | | |
| Voltage | 480Vdc | |
| QTY | 40 | |
| Changing current | 10A(5-20A Adjustable) | |
| RHYSICAL | | |
| Environment of performance | Humidity: 20%-95%; Temperature: 0°C-40°C | |
| Nosie level | ≤60db | |
| Dimension(L*M*H)(mm) | 910*515*1145 | |
| Weight(kg) | 195kg | 208kg |

Product specifications are subject to change without notice