

## Online PP Series

1KVA ~ 15KVA  
1:1 Phase



Online PP series is a kind of online intelligent UPS with high stability and reliability designed by Online company. The excellent quality and perfect performance provide the safe and comprehensive protection for user data center, industry control, precision equipment in medical system and so on.

### Features

#### ■ High reliability design

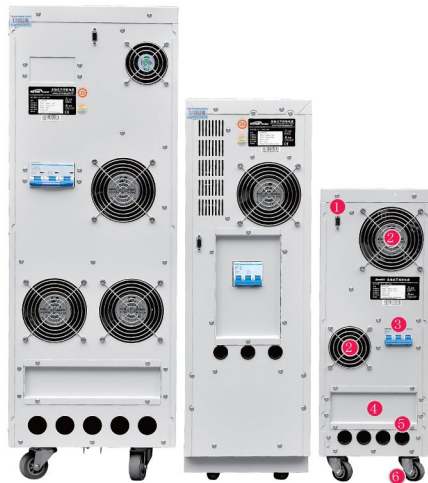
- Double Conversion on-line design, which makes the output a pure sine wave source with tracking frequency, phase-lock and voltage regulation, noise suppression, low distortion and without power fluctuation interference, providing the load with more comprehensive protection.
- Zero transfer time of output, satisfy high standard power requirements of precision equipment.

#### ■ Strong protection for load

- Built-in isolation transformer, strong anti-interference ability, provide more comprehensive and perfect protection.
- Very small voltage difference between Neutral and Ground meets the power requirement of precision instrument and protects safe operation of equipment.
- Good load compatibility, which can be applied to different types of load, thus meet the variety of applications.

#### ■ Strong environmental adaptability

- Wide input voltage range up to: 165~275VAC, avoid frequently switching to battery mode, which adapt to the areas with harsh environment.
- Wide input frequency range, ensure all types of fuel generators connected work stable.



Rear Panel

1. RS232 port
2. FAN
3. Input breaker
4. Connection box
5. Entrance hole
6. Active wheel

■ Optimization of high-performance battery

- Advanced floating switching and charging technology maximums the activation of the battery, thus saves the charging time and extends the battery life.

■ Battery cold start function

- The UPS can be start directly by battery group when no utility access in, which meets the emergent needs of user.
- Strong cold start ability, which can do the cold start operation when full load.

■ Comprehensive and reliable protection

- Self-diagnosis function before start-up, avoid the risks that the failure may lead

to.

- The multi-protections such as overload, short-circuit, over-temperature, battery under voltage, battery over-charge and so on greatly ensure the system stability and reliability.
- Built-in static electronic bypass switch, when UPS fails, it can transfer to bypass mode and continue to provide power for load by AC.
- DC start function. The UPS can be started directly without AC, which meet the emergent needs of the user.

■ User-friendly network management

- English (optional) LCD accurately displays the status of operation and data for users.
- Communication with computer can be realized by RS232 with corresponding

monitoring software. The various parameters can be shown on the communication interface.

- External SNMP adapter. The UPS with remote network management capability can provide real-time data for communication and management through a variety of network management systems.

Model	Online UPS PP1KL	Online UPS PP2KL	Online UPS PP3KL	Online UPS PP4KL	Online UPS PP5KL	Online UPS PP6KL	Online UPS PP8KL	Online UPS PP10KL	Online UPS PP12KL	Online UPS PP15KL
Internal protection equipment LCD panel										
Battery	UPS automatically shutdowns when battery is low power level, there is no fuse switch protection.									
Overload	When load reaches 110~150% of rating, transfer to bypass after 3s, recover auto.									
Over-temperature	Automatically transfer to bypass if UPS internal temperature > 85°C									
Output short-circuit	Limit current, automatic shutdown, fuse and there no fuse switch protection.									
UPS abnormal	Automatically transfer to bypass and supplied power by utility									
Noise filter	10~100KHz at 40Db; 100KHz~100MHz at 70dB									
LCD display	input, output voltage, frequency, battery voltage, output power (%), temperature									
Battery BVL	One LED, it lit on when battery low voltage									
Environment										
Temperature	0~40°C									
Humidity	20~90% non-condensing									
Noise	<58dB (1m away from enclosure)									
General										
Output socket	Terminal plate									
Unit weight (no battery)	46Kg	63Kg	75Kg	65Kg	67Kg	69Kg	105Kg	115Kg	135Kg	220 Kg
Dimension (mm) WxDxH	230×580×720						305×585×864			725×430 ×1180
Others										
Full efficiency	>85%									
Transform time when utility fault	0s									
UPS status indicator light	Utility, inverter, bypass, UPS abnormal (fault)									
Communication interface	RS232 interface									