



High frequency online UPS SIN 1011 10kVA UPS LCD display



ISO9001 : 2015
ISO14001 : 2015
ISO45001 : 2018

Technical Specifications

Model		SIN 1011
Rated capacity (PF=0.9)		10kVA/9kW
Input	Power supply system	Single phase two wire+ground wire
	Voltage	120VAC~300VAC
	Frequency	50/60Hz±10%
Output	Voltage	220/230±1%VAC
	Frequency	Synchronize with input (mains mode),
		50/60Hz ± 0.5% (battery mode)
	Load peak ratio	3:1 (max)
Output waveform		Pure sine wave
Conversion time		zero
Built in battery (12V)		7Ah/9Ah×16
DC voltage of external battery		-
Battery type		Valve regulated lead-acid maintenance free battery
Overload capacity		>105% - 120%, switch to bypass after 10 seconds; >120-140%, switch to bypass after 200ms; >140-150%, switch to bypass after 200 ms, and shut down after 10 seconds; >150% shut down immediately
Distortion rate (full load)	<3% (linear load)	
	<5% (non-linear load)	
Communication interface		Rs232 interface (optional USB interface)+SNMP smart slot
Working temperature		0°C ~ 40°C
Relative humidity		0-90% (no condensation)
Dimensions (L x W x H)		510*248*615mm
Net weight (kg)		67
Compliance with standards		GB/T 14715-1993; YD/T 1095-2008; EN 62040-1:2008+A1:2013; EN 62040-2:2018

*The above parameters may be adjusted and changed, please refer to the real object.



Optional lightning protection function

It can be equipped with Class D lightning arrester with surge and lightning protection design to effectively protect equipment from lightning interference.

High reliability parallel expansion technology (optional)

You only need to consider your actual power needs and plan an appropriate UPS. In the future, if you need corresponding power expansion due to equipment expansion, you only need to purchase the expanded UPS and connect it to the original power system in parallel, which increases the flexibility of planning and greatly reduces the waste of investment.

N+X parallel redundancy function (optional)

The N+X parallel redundancy function means that there is one more UPS at any time to guarantee your important equipment. When planning the power supply system, add one more than the rated capacity. In this way, when any UPS in the system fails, the additional UPS will enable the power supply system to continuously provide high-quality power for your important equipment, making the system more reliable. At the same time, the advanced current sharing technology enables each UPS in parallel operation to share the load current equally. While improving the system reliability, It also extends the service life of UPS.

Intelligent power supply monitoring and management software UPSILON 2000

Support Microsoft Windows95/98/Me/NT/2000/XP/Linux operating system, applicable to TCP/IP LAN, and support TCP/IP network monitoring UPS; Provide hierarchical directory structure management network UPS; Abnormal event notification; Automatically detect UPS model and communication port; Provide password protection; UPS can be switched on/off regularly; Support UPS timing self-test function; Support graphic real-time display of UPS status; Support network shutdown of servers and workstations; Support closing most applications and saving related documents; Support multi language and English platforms; Support online help function. It has the function of data recording (including mains power, UPS, load, battery) and event log, which is convenient for the system administrator to carry out daily UPS maintenance.

Complete monitoring and communication functions

It provides RS-232, intelligent slot and other monitoring communication interfaces. Users can realize centralized monitoring and remote monitoring through SNMP network card.

Digital series (parallel redundancy) UPS D6KS~3D20KS adopts a dual conversion pure online architecture, which can block the impact of abnormal power supply on the load, ensure the stability and reliability of the output, and ensure the safe operation of the load. It is the best architecture design that can effectively solve all power supply problems. Digital control technology (DSP/MCU chip) is adopted, and parallel capacity expansion and parallel redundancy functions can be selected, It provides users with flexibility of power planning and more security.

Miniaturized design

The advanced control technology is applied to greatly improve the power factor, which is small in size and light in weight.

Online maintenance design (optional)

If you have selected the maintenance switch, you can safely conduct online maintenance under the condition of continuous power supply to the load as long as you turn the UPS to the maintenance mode; If you plan for N+1 parallel redundancy, your valuable equipment can get uninterrupted high-quality power supply even if the mains power is interrupted during maintenance.

Comprehensive functional design

DC start function enables you to use UPS without mains power supply. The function of timing on/off and remote monitoring can realize the goal of unmanned. The powerful charging function is convenient for you to extend the standby time. The intelligent charging mode extends the battery life and saves money. The automatic restart function makes it unnecessary for you to turn on the UPS in person after the standby UPS is turned off. Comprehensive functional design brings more convenience to your work.

Excellent technical indicators

The input power factor close to 1 greatly reduces the pollution to the municipal power grid, improves the utilization of the grid, and is a real green power source. The ultra wide input voltage range provides the most complete protection for your valuable equipment under various harsh power environments.

Nearly 93% full load operation efficiency, effectively saving your electricity bill.

Strong anti-interference ability, meeting the requirements of IEC61000-4 for electromagnetic interference, can effectively eliminate noise, high voltage and breakthrough on the power grid, and provide a clean power environment for your equipment.



Finance



Industry



Securities industry



Data Center



Traffic



Power