

AUR9111 Series Rack Online UPS 1P/1P-1-10KVA

The AUR9111 Series UPS is a new generation high frequency Online UPS which adopts advanced DSP digital control technology to effectively improve product performance, system reliability and achieve higher power density. It is characterized by its small size, light weight and high work efficiency. It can effectively solve power problems such as power outage, grid high voltage, grid low voltage, instantaneous voltage drop, amplitude reduction, high voltage pulse, surge voltage, harmonic distortions, clutter interferences, frequency fluctuations etc. and provide high quality, clean power for the critical load to be protected. It can be easily installed with a standard 19-inch rack construction.



Applications

The AUR9111 Series is suitable for the power protection of critical devices such as commercial servers, PC servers and peripherals, communication and network equipment, home office computers and other sophisticated electronic equipment.

Features

- Double Conversion Online Technology, zero output transfer time
- Adopts DSP digital control, making the control system more steady and reliable
- Adopts Active Power Factor Correction (PFC) technology, the input power factor is close to 1 which greatly reduces the pollution to the grid
- Ultra-wide input voltage range
- Input frequency range of 40 to 70 Hz, ensuring stable operation when connected to various fuel generators
- With LCD + LED real-time display, users can easily understand the UPS operating status
- Self-diagnosis function enables timely detection of hidden faults of the UPS
- N+1 parallel redundant design, can realize up to 3 parallel connections, greatly improving system reliability
- AC input over voltage protection, under voltage protection, output overload protection, short circuit protection, temperature protection, battery under voltage warning protection and battery overcharge protection
- Overall efficiency is up to 90% which reducing the power loss and saves user's cost
- In the absence of Utility power, the battery can be cold-started directly
- Input neutral line detection feature of the UPS prevents the reverse connection of UPS mains input; neutral line and live line
- Standard RS232 communication interface enables UPS and computer to realize multi-function and multi-purpose monitoring and management operations through computer window, and can install SNMP card (optional) to realize UPS remote monitoring function.

Technical Specifications

Part Number		AUR9110 011	AUR9110 011X	AUR911 0021	AUR911 0021X	AUR911 0031	AUR91 10031X	AUR9110061X	AUR9110101X		
Rated Power		1KVA/0.9KW		2KVA/1.8KW		3KVA/2.7KW		6KVA/4.8KW		10KVA/8KW	
Input	Voltage	(115 ~ 295)VAC						(176 ~ 276)VAC			
	Frequency	(47 ~ 63)Hz						(47 ~ 63)Hz			
	Power Factor	>0.99									
	Battery Standard Voltage	36VDC		72VDC		96VDC		192VDC			
Battery	Battery Type	Maintenance-free lead-acid battery									
	Charging Current	1A	1/2/4/6A	1A	1/2/4/6A	1A	1/2/4/6A	1/2/4/6A			
Output	Voltage	220/230/240VAC ± 1%									
	Frequency	Synchronize with Input (Utility Mode)									
		50/60 (±0.2%) Hz (Battery Mode)									
	Overload Capacity	100%-110%:Only warning sound; 110%-130%:Automatically turns off after 1 minute, or switches to bypass mode when the input is normal; >130%:Turn off immediately, or switch to bypass mode when the input is normal.						105%-125%:Automatically turns off after 1 minute, or switches to bypass mode when the input is normal; 125%-135%:30 seconds or switch to bypass mode when the input is normal; >135%:Turn off after 0.5 seconds or switch to bypass mode when the input is normal			
	Output waveform	Pure Sine Wave									
	Socket	Universal/UK Socket						Terminal Block			
Others	Transfer Time	0ms									
	Display	LCD Display						LED/LCD Display (Optional)			
	Automatic restart	After the battery turns off, the UPS can be automatically restarted when the city power returns to normal.									
Warning beep	Battery discharge	One beep every 4 seconds when the input voltage is off; one beep per second when the battery is exhausted									
	UPS Error	Keep Beeping									
Connection	RS-232	Intelligent monitoring functions such as Utility abnormal, power outage, battery capacity, and UPS status indication.									
	Option	SNMP card, AS400 card, USB connection									
Surroundings	Temperature	0 °C ~ 40 °C									
	Humidity	2 % ~ 90%									
	Audible Noise	<55dB									
Shape parameter	Host size (W*D*H)mm	482.6x450x88						482.6x600x130			
	Battery size (W*D*H)mm	482.6x450x88						482.6x600x130			
	Host weight (Net weight)kg	16.3	9.1	10.3	11.5	11.2	12.3	18.3	18.5	19.2	19.5