

PRODUCT DATA SHEET

Smart EngineerPro UPS

Protect Your Data and Devices
750VA – 3000VA



FEATURES

Automatic Voltage Regulation (AVR)

Corrects utility voltage dips and surges, ensuring a stable and reliable power supply for your connected devices.

Effortless Silent Mode Activation

Activate silent mode with a short press of the power button during battery mode, minimizing disruptions and noise in your environment.

Intelligent Off-Mode Charging

Seamlessly charge the battery even when the UPS is turned off, ensuring that your backup power is always ready when needed.

High-quality and long-life lead-acid battery

Equipped with a high-quality lead-acid battery, our UPS provides long-lasting power backup, ensuring continuous operation during outages.

Cold Start Function

Restart the UPS even without utility power, ensuring your critical systems remain online and operational in any situation.

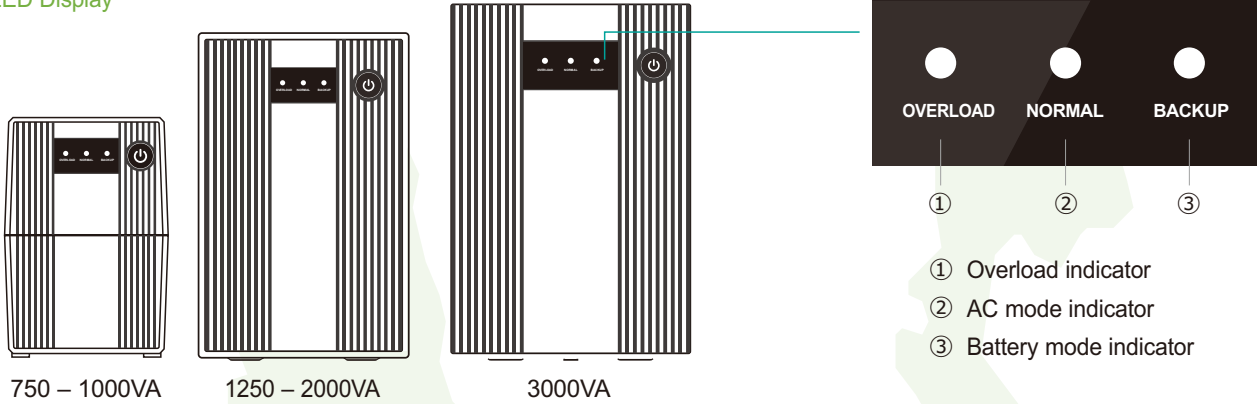
Short circuit and overcharge protection

Built-in protection mechanisms guard against short circuits and overcharging, safeguarding both the UPS and your connected devices.



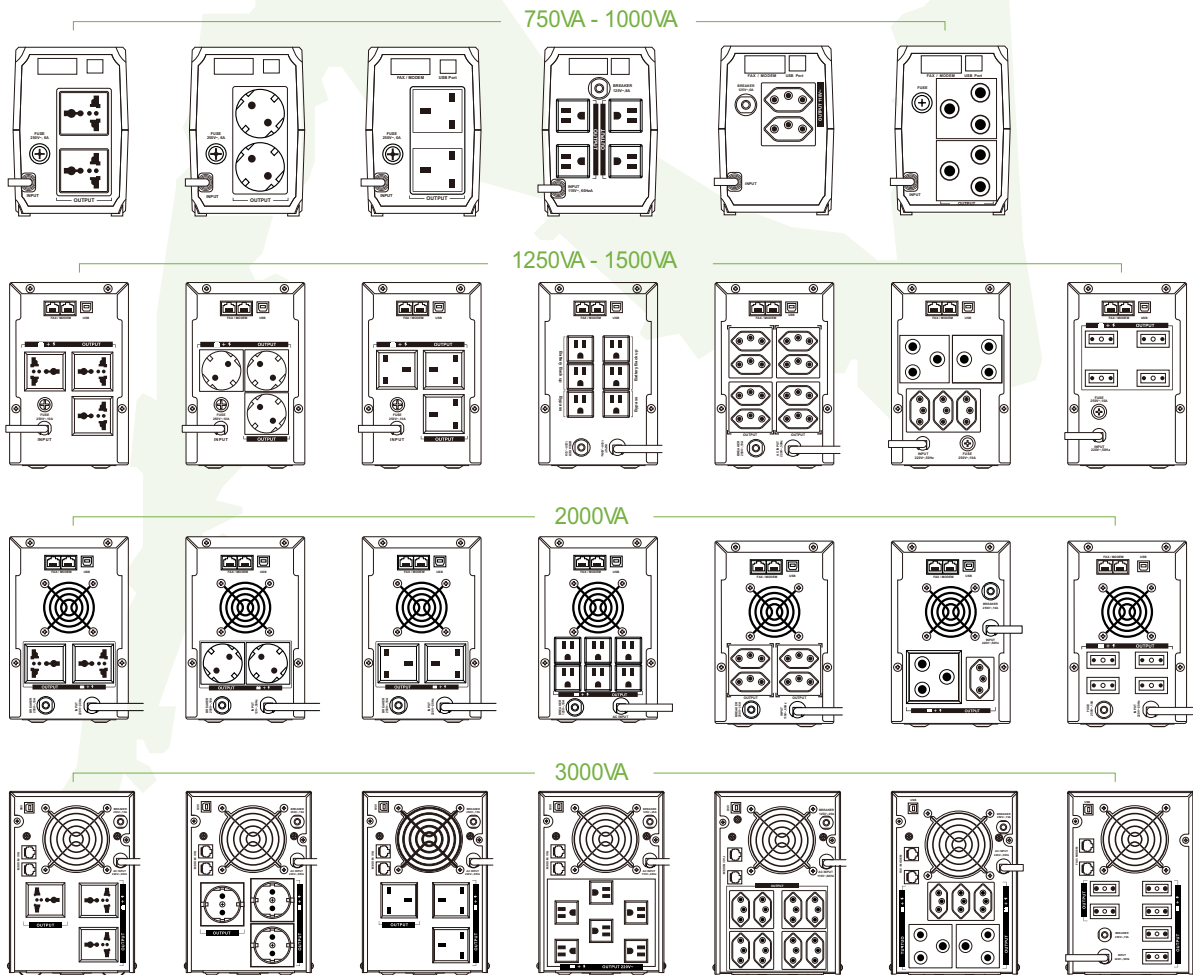
FRONT PANEL

LED Display



REAR PANEL

Universal Socket / Type C / Type G / Type B / Type N / Type M / Type L



Communication port is optional, product interface may be different for different version, all product drawings are for reference only.



SPECIFICATIONS

Model	NT-UPS750A	NT-UPS1000A	NT-UPS1250A	NT-UPS1500A	NT-UPS2000A	NT-UPS3000A
Capacity	750VA / 375W	1000VA / 500W	1250VA / 750W	1500VA / 900W	2000VA / 1200W	3000VA / 1800W
Output						
Output Voltage	110V – 120V					
Output Frequency	50Hz / 60Hz					
Waveform Type	Simulated sine wave					
Transfer Time	Typical 2 – 6ms, 10ms Max.					
Input						
Input Voltage	110V – 120V					
Input Voltage Range	85V – 150V			85V – 145V		
Input Frequency	50Hz / 60Hz					
Battery						
Battery Type & Number	12V / 7Ah*1	12V / 9Ah*1	12V / 7Ah*2	12V / 9Ah*2	12V / 9Ah*2	12V / 9Ah*4
Typical Recharge Time	4 – 6 hours recover to 90% capacity					
Physical						
Dimension, D*W*H(mm)	305*94*139		345*122*192			398*145*215
Net Weight(kg)	4.2	4.5	7	8.4	10.9	20
Communication Interface	USB, RJ45 (Optional)					
Communications & Management						
Control Panel	LED status display with AC mode, Battery mode and overload indicators					
Alarm	Alarm every 8 seconds in battery mode					
	Continuous tone alarm for low battery					
	Continuous tone alarm for 5 seconds on overload					
Protection	Short circuit, Overload , Overcharge and Overdischarge protection					
Environment						
Audible Noise	Less than 40dB (1 meter from surface)					
Operating Temperature	0°C – 40°C					
Relative Humidity	0 – 95% (Non-condensing)					

Specifications are subject to change without notice, and all product drawings are for reference only. Consult NITROTEL for the latest design and specifications.

