

X9 SERIES

1000W | 2000W | 3000W UPS



3 YEAR
ULTIMATE
WARRANTY

NFLUX X9 series represents the latest in high efficiency, maximum power UPS system technology providing reliable and flexible power protection for edge device applications.

The X9 online technology provides real time double conversion protection ensuring connected devices always have uninterrupted power, continuous voltage and frequency irrespective of the local power environment.

Unlike any other UPS the X9 supports up to ten external battery packs offering in the base model offering up to more than 20 times the base UPS run time offering on its own without the need for special super charger.

All X9 series UPS are unity power factor meaning you get the full 1000, 2000 or 3000 watts of available name plate power with no derating.

X9 systems are designed for long runtime and all UPS and battery packs come with 9AH batteries for maximum energy availability.

The units come configured for rack mount installation including rack mount rails, but and can be converted to tower form installation with the use of supplied install leveling feet.

With a large range of communications options including standard ethernet plugin SNMP, but also a wireless SNMP to save on cables, RS232 and USB.

REDEFINING POWER PROTECTION

X9 UPS FEATURES

- ▶ 3 year warranty on UPS and batteries
- ▶ Online Double Conversion Technology
- ▶ Unity Power Factor for maximum power output
- ▶ Conformally Coated Internal Boards
- ▶ Common 2/3kVA Battery Pack
- ▶ 9AH batteries in all models for maximum power
- ▶ 2kW & 3kW supports up to 10 x External Battery modules for maximum runtime
- ▶ 6 x batteries in the 2kVA for extra runtime
- ▶ Flexible Rack or Tower Configuration
- ▶ Easy to read graphical LCD display
- ▶ Easy user replaceable batteries
- ▶ Generator Compatible
- ▶ EPO Port

COMMUNICATION OPTIONS

- ▶ Ethernet SNMP
- ▶ Wireless SNMP
- ▶ AS400
- ▶ Relay Card
- ▶ RS232
- ▶ HID USB



X9 SERIES UPS

Specifications

Model		X9-1kW	X9-2kW	X9-3kW
Capacity (VA/W)		1000VA/1000W	2000VA/2000W	3000VA/3000W
Configuration				
Form Factor		Rack / Tower		
Energy-saving Technology		User programmable, ECO Mode Efficiency ≥95%		
Input				
Voltage Range		80~300Vac		
Frequency Range		40 ~ 70Hz		
Power Factor		0.99		
Cold Start		Yes		
Output				
Output Voltage		208/220/230/240Vac±1%		
Output Waveform		Pure Sine Wave		
Output Frequency		50 / 60Hz (Auto-Sensing or Configurable) ±0. 5Hz*		
Transfer Time (Typically)		0ms		
Rated Power Factor		1		
Harmonic Distortion		THD < 3% at Linear Load, < 5% at Non-linear Load @ Nominal Input		
Crest Factor		3:01		
ECO Mode Voltage Regulation		±10%, ±15% (Configurable)		
Overload Protection	Line Mode	100~105% Warning, transfer to bypass after 2 min		
		110%~130% Warning, transfer to bypass after 1 min		
		>130% Transfer to bypass after 3s		
	Battery Mode	100%~130% Warning, shutdown after 1 min		
		>130% Shutdown after 3s		
Short Circuit Protection		UPS Output Cut off Immediately or Input Fuse / Circuit Breaker Protection		
Surge Protection		IEC 61000-4-5 Level 4		
Battery				
Battery Voltage		36V	72V	
Battery Model		12V 9AH		
EBM Compatibility		Supports up to 10 x External Battery Modules (EBM)		
Recharge Time (Typically)		4 Hours (internal batteries)		
Battery Type		Maintenance Free, Valve Regulated Lead Acid		
Status Indicators				
LCD Screen		Graphic LCD		
Audible Alarms		Battery Mode, Battery Low, Overload, UPS Fault, Replace Battery, Bypass Mode, Charger Failure /Over Charged, Fan failure, EPO active		
Environment				
Operating Temperature		0°C to 40°C		
Operating Relative Humidity		20 to 90% Non-Condensing		
Management				
On-Device Features		Self Test, Auto-Charge, Auto-Restart, Auto-Overload Recovery		
Connectivity Ports		(1) Serial Port (RS232), (1) USB Port,		
SNMP/HTTP Capable		(1) Expansion Port (With optional card)		
Physical				
UPS and EBM Dimensions (H x W x D) (mm)		UPS: 88 (2RU) x 438 x 430 EBM: 88 x 438 x 430	UPS:88 (2RU) x 438 x 610 EBM: 88 x 438 x 610	
UPS Net Weight (Kg)		13.1	26.93	27.34
EBM Net Weight (Kg)		19.9	35.2	