

X9

SERIES

2000W SHORT DEPTH UPS



3 YEAR
ULTIMATE
WARRANTY

REDEFINING POWER PROTECTION

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.

The X9 2kW is designed with an ultra-compact footprint, making it ideal for short-depth cabinets while delivering a robust 2kW of power. Its compatibility with up to four external batteries ensures extended autonomy, making it the perfect solution for critical security and IT applications.

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 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.

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
- 9AH batteries in all models for maximum power
- All models support up to 4 x External Battery modules for maximum 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



2000W SHORT DEPTH UPS

Specifications

Model		X9-2kW-SD
Capacity (VA/W)		2000VA/2000W
Configuration		
Form Factor		Rack / Tower
Energy-saving Technology		User programmable, ECO Mode Efficiency $\geq 95\%$
Input		
Voltage Range		80~300Vac
Frequency Range		40 ~ 70Hz
Power Factor		0.99
Cold Start		Yes
Connections		IEC C14
Output		
Output Voltage		208/220/230/240Vac $\pm 1\%$
Output Waveform		Pure Sine Wave
Output Frequency		50 / 60Hz (Auto-Sensing or Configurable) $\pm 0.5\text{Hz}^*$
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		$\pm 10\%$, $\pm 15\%$ (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
Connections		8 x C13
Battery		
Battery Voltage		48V
Battery Model		12V 9AH
EBM Compatibility		Supports up to 4 x External Battery Modules (X9-EBM48-S)
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 Net Weight (Kg)		17.3
EBM Net Weight (Kg)		24.6
Regulation		
Compliance		AS62040, CE, IEC 62040-2 Category C2, IEC 61000-4-5 Level 3, ISTA 1A, Internal standard, IP20(static)