

KING RM Series

Complete Protection for Internet Computers and Advanced Servers

- Line interactive design
- Fully digitized microprocessor controlled
- Tel/modem internet surge suppression
- Boost and buck AVR
- EMI/RFI noise filter
- Surge protection output for critical load
- On-line, back up, battery fauel status LED
- Lightning and surge protection
- Short circuit and overload protection
- 50/60Hz frequency auto sensing
- Advanced battery management (ABM)
- Energy saving (UPS sleep mode)
- Smart RS-232 communication port
- AVR boost & buck LED *
- Cold start (DC power on)
- Automatically charging when UPS off
- History record of power failure events
- Schedule shutdown & reboot
- Back up, on-line, battery status, power status display by software
- Hot swappable battery by users *

* features available on 1200VA and up models



"1U"
Line interactive
UPS



KIN-600/1000VA (1U)

"3U"
Line interactive
UPS



KIN-2200VA (3U)

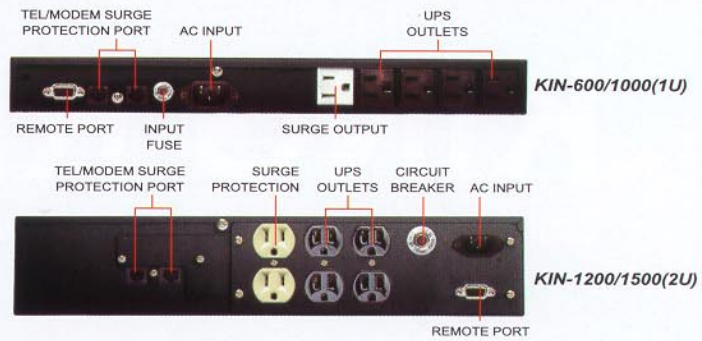
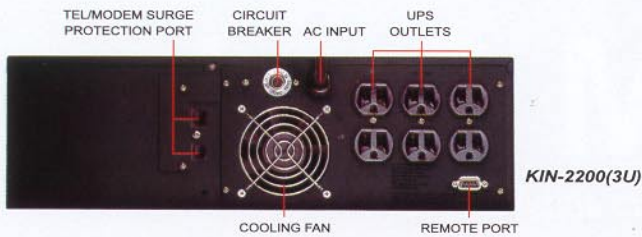
"2U"
Line interactive
UPS



KIN-1200/1500VA (2U)

NIKKO®

ISO 9001 Certified Company



SPECIFICATION

MODEL			KIN-600AP RM	KIN-1000AP RM	KIN-1200AP RM	KIN-1500AP RM	KIN-2200AP RM
INPUT	Capacity	(On Battery)	600VA	1000VA	1200VA	1500VA	2200VA
	Surge Protection outlets		500VA	500VA	500VA	500VA for 220~240V models only)	N/A
	Voltage		+/-25% at line input				
	Frequency		50 or 60 Hz +/-10% (auto sensing)				
OUTPUT	Voltage (on battery)		Simulated sine wave at 100V or 110V/115V/120V or 220V/230V/240V +/-5%				
	Frequency (on battery)		50 or 60 Hz +/-0.5%				
	Voltage Regulation (AVR)		AVR automatically increase output voltage 15% above input voltage if -9% to -25% of nominal. AVR decrease output voltage 13% below input voltage if +9% to +25% of nominal				
	Transfer Time		2/4 milliseconds, including detection time				
	PROTECTION and FILTERING	Spike Protection		320 Joules			
EMI/RFI filter			10dB at 0.15MHz, 50dB at 30MHz				
Overload Protection			UPS automatic shutdown if overload exceeds 110% of nominal at 60 seconds and 130% at 3 seconds				
Unit Input			For overload & Short circuit protection				
10Base - T Cable Port			Network (UTP, RJ-45) compatible jacks				
Short Circuit			UPS output cut off immediately or input circuit breaker protection				
BATTERY	Type		Sealed, Maintenance-free lead acid				
	Typical Recharge Time		8 hours (to 90% of full capacity)				
	Protection		Automatic self-test & discharge protection, Replace battery indicator				
	Back-up Time (a PC with 15" monitor)		30 - 40 minutes	50 - 60 minutes	60 - 70 minutes	70 - 80 minutes	85 - 95 minutes
PHYSICAL	Net Weight Kg (lbs)		9.2 (20.2 lb)	10.5 (23.1 lb)	15.5 (34.1 lb)	16.0 (35.2 lb)	28.0 (61.6 lb)
	Shipping Weight Kg (lbs)		10.4 (22.9 lb)	11.7 (25.7 lb)	18.0 (39.6 lb)	18.5 (40.7 lb)	30.7 (67.5 lb)
	Dimension (mm) W x D x H		483 x 362 x 44 (1U)		483 x 357 x 84 (2U)		483 x 351 x 130 (3U)
ALARM	Battery Back-up		Slow beeping sound (about 0.47Hz)				
	Battery Low		Rapid beeping sound (about 1.824Hz)				
	Overload		Continue beeping sound				
INTERFACE	RS-232C port Interface		RS-232C Bi-directional communication port				
ENVIRONMENT	Ambient Operation		3,500 meters max. elevation, 0-95% humidity non-condensing 0 - 40 deg C				
	Audible Noise		< 40dBA (1meter from surface)				
	Storage Condition		15,000 meter max				

OUTPUT RECEPTACLE OPTION



NIKKO
by



Complete Power Solution™



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