

# KING Series

Complete Protection for Internet Computers and Advanced Servers

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

\* feature available for KIN-xxxAP only \*\* feature available on 800VA and up models

\*\*\* feature on KIN-800AP and above models (120V models)



KIN-325A-ART / KIN-425/525/625A/AP-ART



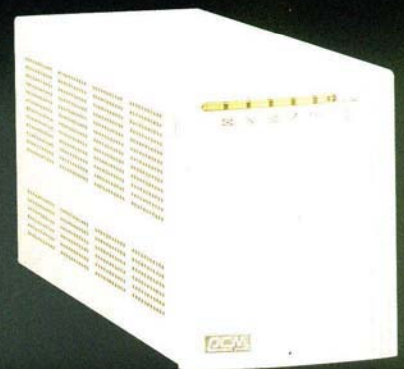
KSL-500AP



KIN-325A  
KIN-425/525/625A/AP



KIN-800/1000/1200/1500AP

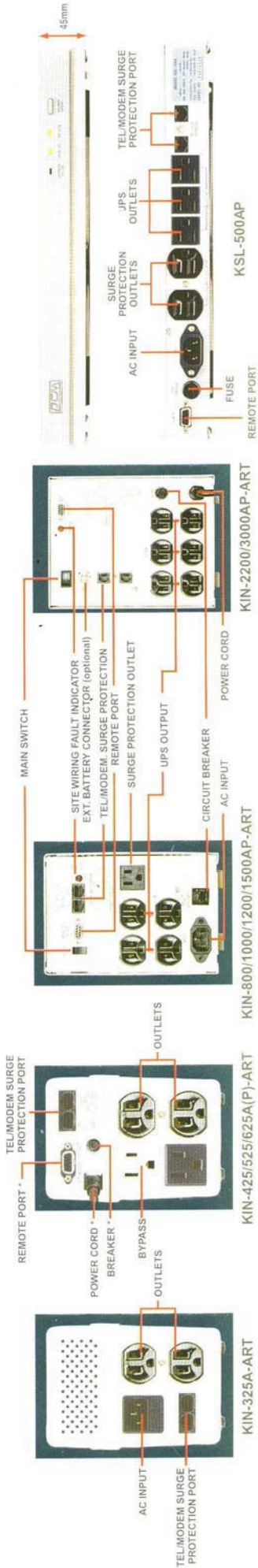


KIN-2200/3000AP



Complete Power Solution™

ISO 9001 Certified Company



## SPECIFICATION

| MODEL                | KIN-325A-ART  | KIN-425A(P)-ART | KIN-800/1000/1200/1500A-ART | KIN-2200/3000AP-ART | KIN-500AP | KIN-625A(P)-ART | KIN-800AP | KIN-1000AP | KIN-1200AP | KIN-1500AP | KIN-2200AP | KIN-3000AP |
|----------------------|---|-----------------|-----------------------------|---------------------|-----------|-----------------|-----------|------------|------------|------------|------------|------------|
| CAPACITY             | 325VA   | 425VA           | 525VA                       | 625VA               | 500VA     | 800VA           | 1000VA    | 1000VA     | 1200VA     | 1500VA     | 2200VA     | 3000VA     |
| VOLTAGE              | 100V/110V/115V/120V/220V/230V/240V +/-25% at line input   |                 |                             |                     |           |                 |           |            |            |            |            |            |
| FREQUENCY            | 50 or 60Hz +/-10% (auto sensing)  |                 |                             |                     |           |                 |           |            |            |            |            |            |
| VOLTAGE (ON BATTERY) | 50 or 60Hz +/-0.5%  |                 |                             |                     |           |                 |           |            |            |            |            |            |
| VOLTAGE REGULATION   | AVR automatically increase output voltage 15% above input voltage if -9% to -25% of nominal.<br>AVR decrease output voltage 13% below input voltage if +9% to +25% of nominal |                 |                             |                     |           |                 |           |            |            |            |            |            |
| TRANSFER TIME        | 2/4 milliseconds, including detection time  |                 |                             |                     |           |                 |           |            |            |            |            |            |
| SPIKE PROTECTION     | 320 Joules, 2 ms  |                 |                             |                     |           |                 |           |            |            |            |            |            |
| EMI/RFI FILTER       | 100dB at 0.15MHz, 50 dB at 30MHz  |                 |                             |                     |           |                 |           |            |            |            |            |            |
| OVERLOAD PROTECTION  | UPS automatic shutdown if overload over 110% of nominal at 60 seconds and 130% at 3 seconds.  |                 |                             |                     |           |                 |           |            |            |            |            |            |
| UNIT INPUT           | Fuse for overload & short circuit protection  |                 |                             |                     |           |                 |           |            |            |            |            |            |
| 10BASE-T CABLE PORT  | Network (UTP, RJ-45) compatible jacks   |                 |                             |                     |           |                 |           |            |            |            |            |            |
| SHORT CIRCUIT        | UPS output cut off immediately or input fuse protection   |                 |                             |                     |           |                 |           |            |            |            |            |            |

| BACK UP TIME              | 10 - 20 minutes                      | 15 - 25 minutes                      | 20 - 30 minutes                      | 25 - 35 minutes                       | 30 - 45 minutes                        | 45 - 60 minutes                     | 60 - 70 minutes                       | 70 - 80 minutes | 85 - 95 minutes | 95 - 105 minutes |
|---------------------------|--------------------------------------|--------------------------------------|--------------------------------------|---------------------------------------|--|-------------------------------------|---------------------------------------|-----------------|-----------------|------------------|
| Weight (lbs)              | 4.7 (10.4 lb)                        | 5.8 (12.8 lb)                        | 6.2 (13.7 lb)                        | 6.5 (14.3 lb)                         | 9.0 (19.8 lb)                          | 13.3 (29.3 lb)                      | 15.0 (33.0 lb)                        | 15.5 (34.1 lb)  | 15.8 (34.8 lb)  | 26.2 (57.6 lb)   |
| Dimension WxDxH mm (inch) | 97 x 260 x 135 (3.8" x 10.2" x 5.3") | 97 x 320 x 135 (3.8" x 12.6" x 5.3") | 97 x 320 x 135 (3.8" x 12.6" x 5.3") | 370 x 330 x 45 (14.6" x 13.0" x 1.8") | 370 x 330 x 201 (14.6" x 13.0" x 7.9") | 130 x 382 x 201 (5.1" x 15" x 7.9") | 170 x 450 x 225 (6.7" x 17.7" x 8.9") |                 |                 |                  |

| ALARM             | Battery Back-up  | Battery Low | Overload |
|-------------------|--|-------------|----------|
| RS-232 Interface  | None   | None        | None     |
| Ambient operation | 3,500 meters max. elevation, 0-95% humidity non-condensing, 0-40 deg C |             |          |
| Audible noise     | <40dBA (1 meter from surface)  |             |          |

| INTERFACE     | RS-232 Interface              |
|---------------|-------------------------------|
| Environment   | Ambient operation             |
| Audible noise | <40dBA (1 meter from surface) |

**Available Through:**

UPSMPON plus Power Management Software

IS9000 Certified

AGS

ISO 9001

UL US

CE

TUV

AT&T

Novell

HP

Hewlett Packard

Suzi

COMPAQ digital 3Com

VERSION 001

DM-KIN325-3000-021018