# ALTO POWER SERIES

## LINE-INTERACTIVE UPS 720VA - 3600VA

Featured with a Microprocessor Controller Design and built-in AVR, the AP Series not only provides reliable power protection but also provides clean power for your electronic equipment.
The Buck & Boost AVR function corrects either under voltage or over voltage conditions without unnecessary battery drainage and extends the life of the battery. With a built-in powerful charger, the UPS can be fully charged back to 90% within 6-8 hours. The battery may be charged continuously even though it is in the OFF mode.



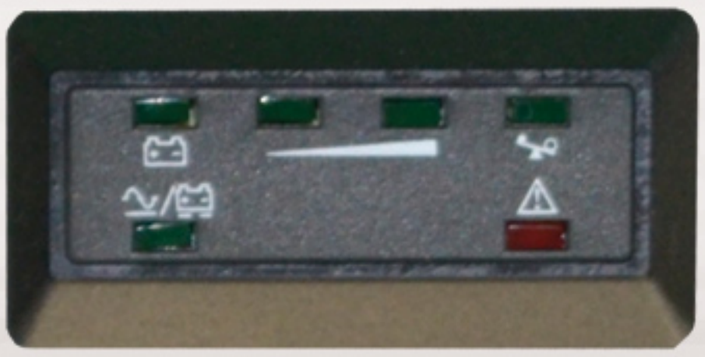
## APPLICATION

PC's, Workstations, Terminals, SOHO, Servers, Industry Equipment, Modems, desktop printers, PABX's, etc.

## FEATURES

- Microprocessor Controlled
- LED Display
- Built-in buck & boost AVR
- Powerful DC charger - 90% within 6-8 hours
- Battery recharge in "off" mode
- Cold start
- Wide input voltage range
- Self-testing on UPS start-up
- Smart Communication port
- Intelligent Monitoring Software





## Why come to us for a solution?

Quality products

Wide range of products

Nationwide backup

Locally produced UPS's

Competitively priced

Unique design

Good value for money

24 hours after sales services

www.pss.co.za

# ALTO POWER SERIES

## LINE-INTERACTIVE UPS 720VA - 3600VA

| MODEL | AP720 | AP960 | AP1200 | AP1800 | AP2400 | AP3600 |
|---|---|---|---|---|---|---|
| CAPACITY | 720VA | 960VA | 1200VA | 1800VA | 2400VA | 3600VA |
| INPUT | | | | | | |
| PHASE | single phase | | | | | |
| VOLTAGE RANGE | 230V ±20% | | | | | |
| FREQUENCY | 50Hz | | | | | |
| OUTPUT | | | | | | |
| VOLTAGE | 230V ±10% | | | | | |
| WAVEFORM | AC mode: sine wave; battery mode: modified sine wave | | | | | |
| FREQUENCY | 50Hz | | | | | |
| TRANSFER TIME | typical 2-6ms | | | | | |
| PROTECTION | | | | | | |
| SURGE PROTECTION | metal oxide varistor | | | | | |
| SHORT CIRCUIT | fuse | | | | | |
| COMMUNICATION | | | | | | |
| | USB | | | | | |
| BATTERY | | | | | | |
| TYPE | sealed lead acid, maintenance free | | | | | |
| RECHARGE | after full discharge, 6-8 hours to 90% capacity | | | | | |
| BACKUP TIME | 10-15min load dependent | | | | | |
| CHARGE CURRENT | 350mA ~ 1A | | | | | |
| BATTERY CONFIGURATION | 1x 12V/7AH | 1x 12V/9AH | 2x 12V/7AH | 2x 12V/9AH | 2x 12V/9AH | 4x 12V/9AH |
| INDICATION | | | | | | |
| AC MODE | green LED on | | left green LED, 1st-4th load indicator | | | |
| BATTERY MODE | yellow LED flashing | | left green LED flashing, 1st-4th LED battery capacity indicator | | | |
| FAULT MODE | red LED on, buzzer beep every 10 seconds | | | | | |
| BATTERY LOW | red LED on, buzzer beep every 1 second | | | | | |
| OTHER | | | | | | |
| AUDIBLE NOISE AT 1M | <40 dB | | | | | |
| TEMPERATURE | 0~40°C | | | | | |
| HUMIDITY | 95% (non-condensing) | | | | | |
| NET/GROSS WEIGHT | 4.4 / 5 kg | 4.7 / 5.4 kg | 7.8 / 8.6 kg | 10.1 / 11.6 kg | 10.5 / 12.5 kg | 23 / 24.1 kg |
| UNIT DIMENSIONS (W-D-H) mm | 101 x 298 x 142 | | 149 x 353 x 162 | 158 x 380 x 198 | | 145 x 436 x 212 |
| PACKAGE DIMENSIONS (W-D-H) | 140 x 340 x 210 | | 195 x 400 x 235 | 215 x 440 x 280 | | 212 x 510 x 308 |

Notes:

In the interests of continuous product improvement, all specifications are subject to change without notice.