**ComX Computers**
Product Specification Sheet

# PCM-RPT-1500AP

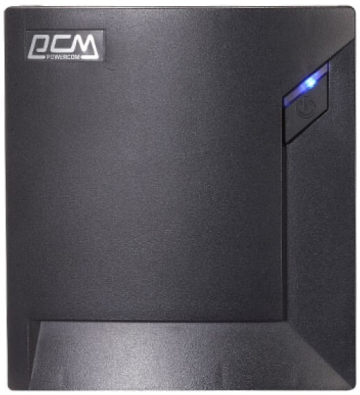
Powercom Raptor 1500VA / 900W Line Interactive UPS - Simulated Sine Wave

## Product Overview

Powercom Raptor 1500VA / 900W Line Interactive UPS - Simulated Sine Wave, 6x IEC 10A sockets Output connections, Automatic Voltage Regulator (AVR), 2x RJ45 protection, 2x 12V 7.2Ah sealed maintenance-free Lead Acid Battery, USB communication Interface, RPT-1500AP







## Specifications

**Overview:**

**Powercom RAPTOR 1500VA/900W Line Interactive UPS**
RAPTOR is the perfect UPS to protect your IT devices and appliances. It is simple and easy to use. All the of the RAPTOR Series units are equipped with a microchip controller, USB port and LAN/FAX protection.

RAPTOR is a Line Interactive Step-Wave UPS that protects your devices from many dangerous interferences on the mains. The AVR device that it includes, shields you from a number of disturbances and reduces to a minimum the use of the batteries. This creates a double benefit: maximum autonomy always available and a longer battery life.

- Built-in automatic voltage regulator (AVR)
- Simulated sine wave output waveforms
- Advanced green mode for energy saving and user friendly settings

- Automatic self-diagnostic and alarm warnings
- Surge, short circuit, and overload protections
- Discharge and overcharge protection

Please Note: The Raptor UPS Series has an automatic shutdown function after 1 hour of battery operation (if AC/Mains power is off).

This is a safety feature to avoid over discharge of the batteries and prevent permanent damage to the batteries. It is recommended to install the included UPSMON software to monitor the battery capacity; if the batteries still have sufficient charge & capacity left after the hour runtime, the Power button can simply be pressed again to switch the UPS on and enable another hour of uptime.

IMPORTANT Warranty NOTICE:

The LEAD ACID Batteries contained within this UPS device are rated to last 150-200 cycles. The life cycle refers to the battery being depleted completely and charged back up to 100% capacity. We strongly recommend not to deplete the battery's charge below 50% as this could damage the battery's lifecycle and will result in the battery's ability to function normally for only 2 - 3 months.

These batteries are not designed to keep devices powered during an entire load shedding schedule, but rather to enable the user to have time to shut down devices (PC's, Laptops) safely. Therefor during a power outage and loadshedding schedule we recommend shutting down the UPS after all connected devices have been shut down safely.

**Specifications:**

| **UPS Specs** | |
|---|---|
| **Input Voltage** | 100V / 110V / 120V +/-25% 220V / 230V / 240V +/-25% |
| **Input Frequency** | 50Hz / 60Hz +/-10% auto sensing |
| **Output Connections** | 6 x IEC 10A Sockets |
| **Output Voltage (Backup mode)** | 100V / 110V /115V / 120V (+/-5% on battery) 220V /230V / 240V (+/-5% on battery) |
| **Output Frequency (Backup mode)** | 50Hz / 60Hz +/-1% |
| **Output Waveform** | Simulated sine wave |
| **Output Transfer Time** | 2 to 4 millisecond including detection time (typical) |
| **Automatic Voltage Regulator (AVR)** | AVR with 1 step boost and 1 step buck |
| **Overload Protection** | Auto power off if overload exceeds 110% of nominal at 60 seconds, 130% at 3 seconds. |
| **Unit Input Protection** | Fuse & short circuit protection |
| **Tele-communication Protection** | 2x RJ 45 |
| **Alarm** | Buzzer beeps under backup mode, battery low, battery charging fault, and overload |
| **Battery Type** | Sealed, maintenance-free lead acid battery |
| **Typical Recharge Time** | 3-4 hours to 90% |
| **Battery Quantity** | 12V 7.2Ah x2 |
| **Battery Protection** | Automatic diagnostics, over-discharge and short circuit protection |
| **Display** | LED |
| **Communication Interface** | USB Type-B |
| **Audible Noise** | < 40dBA (1m from surface) |

| | |
|---|---|
| **Ambient Operation** | Max elevation at 2000m, 0 to 40C, 0 to 95% humidity (non-condensing) |

## Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

**Product page:**
**https://www.comx-computers.co.za/PCM-RPT-1500AP-Powercom-Raptor-1500VA-900W-Line-Interactive-UPS-Simulated-Sine-p-292196.php**

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