# Product datasheet

Specifications



## APC Back-UPS 500VA, 230V, Structured Wiring UPS, 6 IEC outlets

BH500INET

## Overview

| | |
|---|---|
| **Lead time** | Usually in Stock |

## Main

| | |
|---|---|
| **Main Input Voltage** | 230 V |
| **Main Output Voltage** | 230 V |
| **Rated power in W** | 300 W |
| **Rated power in VA** | 500 VA |
| **Input Connection Type** | IEC 60320 C14 |
| **Output connection type** | 4 IEC 60320 C13<br>2 IEC Jumpers |
| **Cable length** | 2.44 m |
| **Number of cables** | 1 |
| **Battery type** | Lead-acid battery |
| **Provided equipment** | CD with software<br>User manual<br>Cat 6 Ethernet cable<br>Installation guide |

## Batteries & Runtime

| | |
|---|---|
| **Number of battery filled slots** | 0 |
| **Number of battery free slots** | 0 |
| **Battery recharge time** | 8 h |
| **Number of battery replacement quantity** | 1 |
| **Battery voltage** | 12 V |
| **Battery capacity** | 7.0 Ah |
| **Battery charger power** | 10 W rated |
| **Battery power in VAH** | 77 VAh runtime |
| **Battery life** | 4…6 year(s) |
| **Replacement battery** | RBC2 |
| **Extended runtime** | 0 |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

## General

| | |
|---|---|
| **Number of power module free slots** | 0 |
| **Number of power module filled slots** | 0 |
| **Redundant** | No |

## Physical

| | |
|---|---|
| **Colour** | Beige |
| **Height** | 37.2 cm |
| **Width** | 22.5 cm |
| **Depth** | 10.5 cm |
| **Net weight** | 7.42 kg |
| **Mounting location** | Front |
| **Mounting preference** | No preference |
| **Mounting mode** | Not rack-mountable |
| **Two post mountable** | 0 |
| **USB compatible** | No |

## Input

| | |
|---|---|
| **Network frequency** | 47...63 Hz |
| **Maximum input current** | 4 A |
| **Switching current capacity** | 4 A |

## Output

| | |
|---|---|
| **Maximum configurable power in W** | 300 W |
| **Output frequency** | 47...63 Hz sync to mains |
| **UPS type** | Standby |
| **Wave type** | Stepped approximation to a sinewave |
| **Maximum configurable power in VA** | 500 VA |

## Conformance

| | |
|---|---|
| **Product certifications** | A-Tick<br>C-Tick<br>GOST<br>NEMKO |
| **Standards** | EN/IEC 62040-1:2019/A11:2021<br>EN/IEC 62040-2:2006/AC:2006<br>EN/IEC 62040-2:2018 |
| **Equipment protection policy** | Lifetime : 10000 euros |

## Environmental

| | |
|---|---|
| **Ambient air temperature for operation** | 0…40 °C |
| **Relative humidity** | 5…95 % |
| **Operating altitude** | 0...10000 ft |

| | |
|---|---|
| **Ambient air temperature for storage** | -15…45 °C |
| **Storage Relative Humidity** | 0…95 % |
| **Storage altitude** | 0.00…15240.00 m |
| **Acoustic level** | 40 dBA |

## Communications & Management

| | |
|---|---|
| **Alarm** | Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm |
| **Control panel** | LED status display with on line : on battery : replace battery and building wiring fault<br>Network link status LED |

## Surge Protection and Filtering

| | |
|---|---|
| **Surge energy rate** | 600 J |
| **Data line protection** | Coaxial cable for CATV/SATV/modem/audio-video |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Number of Units in Package 1** | 1 |
| **Package 1 Height** | 47 cm |
| **Package 1 Width** | 30.5 cm |
| **Package 1 Length** | 16.5 cm |
| **Package 1 Weight** | 8.41 kg |
| **SCC14** | 10731304206412 |

## Offer Sustainability

| | |
|---|---|
| **REACh Regulation** | REACh Declaration |
| **EU RoHS Directive** | Compliant<br>EU RoHS Declaration |
| **Mercury free** | Yes |
| **RoHS exemption information** | Yes |
| **WEEE** | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| **Optimized Energy Efficiency** | Energy efficient product |
| **Take-back** | Take-back program available |

## Contractual warranty

| | |
|---|---|
| **Warranty** | 2 year (manufacturer's defect) |

### Recommended replacement(s)