

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

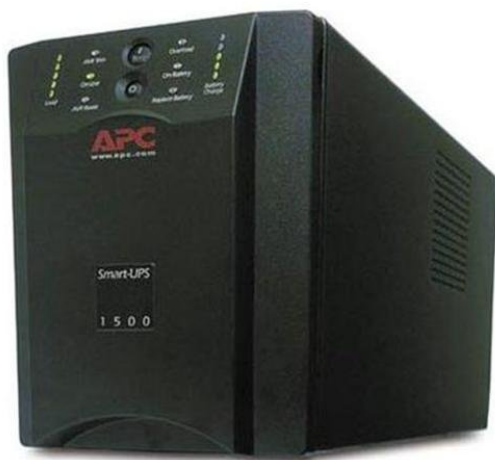
Data Sheet

August 1, 2026

APC

APC 500 BACK UPS PK500M

APC Back-UPS 500 (PK500M) Battery Backup UPS The APC Back-UPS 500 is a standby (offline) uninterruptible power supply providing approximately 500 VA / 300 W of battery backup and surge protection for desktop computers and electronics. Listing identity PK500M refers to the APC Back-UPS 500 class unit as stocked; confirm the faceplate for regional SKU (examples: BK500 120 V NEMA; BK500EI 230 V IEC). Topology is standby with stepped approximation to a sine wave on battery. Typical features of the Back-UPS CS 500 / Back-UPS 500 family include mixed battery-backup and surge-only outlets, data-line protection on many SKUs, USB and/or serial management, and a user-replaceable sealed lead-acid battery. The APC Back-UPS 500 is a standby (offline) uninterruptible power supply providing approximately 500 VA / 300 W of battery backup and surge protection for desktop computers and electronics. Listing identity PK500M refers to the APC Back-UPS 500 class unit as stocked; confirm the faceplate for regional SKU (examples: BK500 120 V NEMA; BK500EI 230 V IEC). Topology is standby with stepped approximation to a sine wave on battery. Typical features of the Back-UPS CS 500 / Back-UPS 500 family include mixed battery-backup and surge-only outlets, data-line protection on many SKUs, USB and/or serial management, and a user-replaceable sealed lead-acid battery. Desktop PC and peripheral battery backup during sh



MODEL

APC PK500M

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

PK500M

LISTING

<https://aumictechlabs.com/products/pk500m-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The APC 500 BACK UPS PK500M is a line-interactive tower UPS delivering 500 VA / 500 W of backup power and surge protection for computers, tablets, and networking equipment. This unit maintains power continuity during outages and safeguards connected devices against voltage fluctuations, enabling safe shutdown procedures to prevent data loss.

Technical Specifications

Power & Capacity 500 VA / 500 W rated capacity Line-interactive topology with stepped approximation to sinewave output 120 Vac nominal input/output (regional 230 V variants available)

Input frequency: 50/60 Hz ± 5 Hz auto-sensing or ± 1 Hz sync to mains **Input voltage range** (main operations): 140–300 V **Output frequency:** 50/60 Hz ± 1 Hz **Transfer time:** 6 ms typical, 10 ms maximum **Power factor** (full load): 0.63 **Battery & Charging** 12 V nominal sealed lead-acid (VRLA) battery **Battery life expectancy:** 3–5 years User replaceable; compatible with RBC2 and RBC2J cartridges **Recharge time:** 6, 8, or 24 hours typical **Output & Connectivity** Three IEC 60320 C13 outlets with battery backup and surge protection One IEC 60320 C13 outlet with surge protection only RJ45 analog phone line protection for phone, fax, modem, or DSL **Surge suppression energy rating:** 273–320 Joules

Key Features Overload protection and automatic surge suppression Compact tower form factor: 91 × 284 × 165 mm, 5.73 kg Wide input voltage tolerance (140–300 V) accommodates utility fluctuations User-replaceable battery cartridge extends service life Data line protection safeguards connected telecommunications equipment

Typical Applications Personal computer and peripheral protection Networked office equipment and small-scale infrastructure Tablet and portable device charging with surge protection Modem, router, and DSL gateway continuity during power loss

Compatibility & Integration Operates across 50/60 Hz mains standards with regional voltage variants (120 V / 230 V). Tower mounting only; not rack-mountable. Plastic rugged enclosure in white or beige. Operating temperature range: 0–40 °C; storage: –15–45 °C.

Features & description

From manufacturer datasheet

Features

- Capacity about 500 VA / 300 W
- Standby UPS topology
- Stepped approximation to sinewave on battery
- Combination battery-backup and surge-only outlets (SKU dependent)
- Surge energy rating on the order of hundreds of joules (SKU dependent; e.g. about 310-480 J class)
- USB and/or DB-9 management on CS 500 class units
- User-replaceable sealed lead-acid battery

PK500M Characteristics / Specifications

PARAMETER	VALUE
Technical Specifications	Back-UPS 500 class (confirm faceplate SKU)
Model / Listing	PK500M (APC Back-UPS 500 class)
Manufacturer	APC by Schneider Electric
Instrument Type	Standby UPS / battery backup surge protector
Rated Power	500 VA / 300 W
Topology	Standby
Waveform (on battery)	Stepped approximation to asinewave
Transfer Time (family examples)	about 6 ms typical / 10 ms maximum (230 V BK500EI); similar class on 120 V CS units
Nominal Voltage	confirm 120 V or 230 V from faceplate
Battery	Maintenance-free sealed lead-acid; typical recharge about 7-8 hours
Replacement Battery (examples)	RBC2 / RBC2J class for BK500 CS; confirm for this unit
Typical Runtime (BK500 CS example)	about 15 minutes at half load (150 W); about 3.4 minutes at full load (300 W) Standard Operating Conditions Do not overload beyond 300 W. Connect critical loads only to battery-backed outlets. Replace the battery when the replace-battery indicator activates. Place in ventilated area; do not use with life-support or medical loads unless rated.
PK500M is the stocked listing code	read the APC model label (BK500, BK500EI, etc.) for exact outlet map, voltage, and RBC part. Do not invent outlet counts without faceplate verification.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
PARAMETER	VALUE
Specifications	Back-UPS 500 class (confirm faceplate SKU)
Model / Listing	PK500M (APC Back-UPS 500 class)
Manufacturer	APC by Schneider Electric
Instrument Type	Standby UPS / battery backup surge protector
Rated Power	500 VA / 300 W
Topology	Standby
Waveform (on battery)	Stepped approximation to asinewave
Transfer Time (family examples)	about 6 ms typical / 10 ms maximum (230 V BK500EI); similar class on 120 V CS units
Nominal Voltage	confirm 120 V or 230 V from faceplate
Battery	Maintenance-free sealed lead-acid; typical recharge about 7-8 hours
Replacement Battery (examples)	RBC2 / RBC2J class for BK500 CS; confirm for this unit
Typical Runtime (BK500 CS example)	about 15 minutes at half load (150 W); about 3.4 minutes at full load (300 W)
Standard Operating Conditions	
Do not overload beyond 300 W. Connect critical loads only to battery-backed outlets. Replace the battery when the replace-battery indicator activates. Place in ventilated area; do not use with life-support or medical loads unless rated.	
Operational Notes	
PK500M is the stocked listing code—read the APC model label (BK500, BK500EI, etc.) for exact outlet map, voltage, and RBC part. Do not invent outlet counts without faceplate verification.	

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 1, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.