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Data Sheet

August 1, 2026

APC

APC Back-UPS BE550G 8-Outlet Battery Back Up Surge Protector

APC Back-UPS BE550G 8-Outlet Battery Backup Surge Protector The APC Back-UPS BE550G (Back-UPS ES 550) is a 550 VA / 330 W standby UPS for desktop computers and home-office electronics. It provides eight NEMA 5-15R outlets: four with battery backup and surge protection, and four with surge protection only. Nominal input/output is 120 V with auto-sensing 50/60 Hz. On battery it produces a stepped approximation to a sine wave. Transfer time is typically 8 ms (12 ms maximum). Management is via USB with PowerChute Personal Edition class software. The internal lead-acid battery has a typical life of 3 to 5 years; replacement cartridge is APCRBC110. Surge energy rating is about 340 J with full-time multi-pole noise filtering. The APC Back-UPS BE550G (Back-UPS ES 550) is a 550 VA / 330 W standby UPS for desktop computers and home-office electronics. It provides eight NEMA 5-15R outlets: four with battery backup and surge protection, and four with surge protection only. Nominal input/output is 120 V with auto-sensing 50/60 Hz. On battery it produces a stepped approximation to a sine wave. Transfer time is typically 8 ms (12 ms maximum). Management is via USB with PowerChute Personal Edition class software. The internal lead-acid battery has a typical life of 3 to 5 years; replacement cartridge is APCRBC110. Surge energy rating is about 340 J with full-time multi-pole noise filtering. Desktop PC, mon



MODEL

APC BE550G

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

BE550G

LISTING

<https://aumictechlabs.com/products/be550g-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The APC Back-UPS BE550G is a passive standby uninterruptible power supply rated at 550 VA / 330 W, designed to protect connected equipment from power disturbances through battery backup and surge suppression. The unit features eight NEMA 5-15R outlets: four outlets provide both battery backup and surge protection, while four outlets deliver surge protection only. A maintenance-free, sealed lead-acid battery delivers 3.30 minutes of runtime at full load and 13.50 minutes at half load, with typical recharge time of one day. The battery is user-replaceable (RBC110 cartridge) and backed by intelligent management with automatic failure and disconnect notifications.

Technical Specifications
Power Rating: 550 VA / 330 W
Topology: Passive Standby
Input: 120 V AC nominal, 120–120 V AC range, 60 Hz, voltage and frequency dependent
Brownout Transfer Threshold: 180 Vrms typical
Over-voltage Transfer Threshold: 139 V AC typical
Output: 120 V AC nominal, stepped approximated sine wave, 60 Hz, voltage and frequency dependent
Surge Energy Rating: 340 Joules
Surge Let-Through: 5% IEEE
Clamping Response Time: Zero
Battery Chemistry: Sealed lead-acid with suspended electrolyte
Battery Life Expectancy: 3–5 years
Data Line Protection: RJ-11 (phone/fax/modem/DSL)
Network Protection: 10/100 Base-T Ethernet (RJ-45)

Key Features
Eight outlets with mixed protection topology - four battery + surge, four surge only
Automatic voltage regulation with brownout and over-voltage sensing
Hot-swappable, user-replaceable lead-acid battery cartridge
Intelligent battery management with failure and disconnect notifications
USB communication interface with Power Summary protocol
RJ-11 and RJ-45 surge protection for communications lines
Outlet spacing accommodates large power adapters and transformer blocks

Typical Applications
Desktop computing systems, network peripherals, phone systems, modems, and consumer electronics requiring sustained operation during utility power loss or transient voltage events.

Compatibility & Integration
USB connectivity enables real-time power status monitoring and automated shutdown procedures via USB Power Summary protocol. Standard NEMA 5-15P/R receptacles ensure broad compatibility with North American equipment.

Features & description

From manufacturer datasheet

Features

- 550 VA / 330 W capacity
- 8 NEMA 5-15R outlets (4 battery + surge; 4 surge only)
- Standby topology; stepped approximation to sinewave
- Typical transfer time 8 ms (12 ms max)
- USB management port
- RJ-11 data-line surge protection (phone/fax/modem/DSL class)
- LED status and audible alarms
- User-replaceable battery APCRBC110

BE550G Characteristics / Specifications

PARAMETER	VALUE
Model	BE550G
Manufacturer	APC by Schneider Electric
Series	Back-UPS ES
Instrument Type	Standby UPS / battery backup surge protector
Rated Power	550 VA / 330 W
Main Input/Output Voltage	120 V
Input Connection	NEMA 5-15P
Output Connections	4 x NEMA 5-15R battery+surge; 4 x NEMA 5-15R surge only
Topology	Standby
Waveform Type	Stepped approximation to asinewave
Transfer Time	8 ms typical; 12 ms maximum
Input Frequency	50/60 Hz +/- 3 Hz auto-sensing
Efficiency at Full Load Input Window	about 88-139 V
Surge Energy Rating	about 340 J
Filtering	Full-time multi-pole noise filtering; 5% IEEE surge let-through class
Battery Type	Lead-acid (internal)
Typical Recharge Time	about 24 h
Battery Life	about 3-5 years
Replacement Battery	APCRBC110
USB Compatible	Yes
Dimensions	about 3.5 × 7.1 × 11.9 in (88 × 180 × 302 mm)
Net Weight	about 12.1 lb (5.5 kg)
Operating Temperature	about 0 to 40 C

PARAMETER	VALUE
Acoustic Level	about 45 dBA Standard Operating Conditions Connect critical loads only to battery-backed outlets. Do not exceed 330 W. Replace battery with APCRBC110 when indicated. Use only indoors within rated temperature and humidity.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	about 0 to 40 C
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Acoustic Level	about 45 dBA Standard Operating Conditions Connect critical loads only to battery-backed outlets. Do not exceed 330 W. Replace battery with APCRBC110 when indicated. Use only indoors within rated temperature and humidity.

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	
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PARAMETER	VALUE
Model	BE550G
Manufacturer	APC by Schneider Electric
Series	Back-UPS ES
Instrument Type	Standby UPS / battery backup surge protector
Rated Power	550 VA / 330 W
Main Input/Output Voltage	120 V
Input Connection	NEMA 5-15P
Output Connections	4 x NEMA 5-15R battery+surge; 4 x NEMA 5-15R surge only
Topology	Standby
Waveform Type	Stepped approximation to asinewave
Transfer Time	8 ms typical; 12 ms maximum
Input Frequency	50/60 Hz +/- 3 Hz auto-sensing
Efficiency at Full Load Input Window	about 88-139 V
Surge Energy Rating	about 340 J
Let-Through Voltage Rating: about 330 V	
Specifications	
PARAMETER	VALUE
Filtering	Full-time multi-pole noise filtering; 5% IEEE surge let-through class
Battery Type	Lead-acid (internal)
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Standard Operating Conditions

Connect critical loads only to battery-backed outlets. Do not exceed 330 W. Replace battery with APCRBC110 when indicated. Use only indoors within rated temperature and humidity.

Operational Notes

Confirm BE550G faceplate vs later BE550G1 / related ES models for minor outlet or rating differences. Omit retail promotional wording from the datasheet body.

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
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<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.