

APC by Schneider Electric - APC Back-UPS 650VA 120V 8 NEMA outlets (4 surge) : BE650G1

| Specifications | |
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| ENERGY STAR Unique ID: | 2333436 |
| Brand Name: | APC by Schneider Electric |
| Model Name: | APC Back-UPS 650VA 120V 8 NEMA outlets (4 surge) |
| Model Number: | BE650G1 |
| Power Conversion Mechanism: | Static |
| Minimum Configuration Tested Model Number: | BE650G1 |
| Active Output Power Rating Minimum Configuration (W): | 390 |
| Apparent Output Power Rating Minimum Configuration (VA): | 650 |
| Topology (ac): | Passive Standby |
| Topology and Product Type Combined: | Alternating Current (ac) - Offline (VFD) |
| Application: | Consumer |
| Rated Input Voltage (V rms): | 120-120 |
| Rated Input Frequency (Hz): | 60-60 |
| Rated Output Voltage (V): | 120-120 |
| Rated Output Frequency (Hz): | 60-60 |
| Rack Mountable: | No |
| Height (mm): | 88 |
| Width (mm): | 180 |
| Depth (mm): | 302 |
| Total Number of Outlets: | 8 |
| Number of Battery Backup and Surge Protected Outlets: | 4 |
| Number of Surge Protected Only Outlets: | 4 |
| Normal Mode(s) Input Dependency Characteristic (ac): | Voltage and Frequency Dependent |
| Modular UPS: | No |
| Number of Normal Modes: | Single-normal-mode |
| Default Normal Mode (ac): | Voltage and Frequency Dependent |
| Test Input Voltage (V rms): | 120 |
| Test Input Frequency (Hz): | 60 |
| Test Output Voltage (V): | 120 |

| Total Input Power in W at 0% Load Min Config Lowest Dependency (ac): Efficiency at 25% Load Min Config Lowest Dependency (ac): Efficiency at 25% Load Min Config Lowest Dependency (ac): Efficiency at 50% Load Min Config Lowest Dependency (ac): Efficiency at 75% Load Min Config Lowest Dependency (ac): Efficiency at 100% Load Min Config Lowest Dependency (ac): Weighted Efficiency Calc Min Config Lowest Dependency: Efficiency at 100% Load Min Config Lowest Dependency: Efficiency at 100% Load Min Config Lowest Dependency: Weighted Efficiency Calc Min Config Lowest Dependency: Weighted Efficiency Calc Min Config Lowest Dependency: Weighted Efficiency Calc Min Config Lowest Dependency: Efficiency (%): Modular UPS Module Tested Model Number: Battery Energy Storage System Technology: Integral Integral Integral Integral Integral Energy Storage System Removable to Another Room: Energy Storage System Removable to Another Room: Energy Storage System Runtime at 100% Load (min.): Energy Storage System Runtime at 50% Load (min.): Energy Storage System Runtime at 50% Load (min.): Energy Storage System Information URL: Integral Energy Storage System Runtime at 50% Load (min.): Energy Storage System Runtime at 50% Load (min.): Energy Storage System Information URL: Integral Energy Storage System Runtime at 50% Load (min.): Energy Storage System Runtime at 50% Load (min.): Energy Storage System Information URL: Integral Energy Storage System Fermovable to Another Room. Energy Storage System Runtime at 50% Load (min.): Energy Storage System Runtime at 100% Load (min.): Energy Storage Syst | | |
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| Lowest Dependency (ac): Efficiency at 25% Load Min Config Lowest Dependency (ac): Efficiency at 50% Load Min Config Lowest Dependency (ac): Efficiency at 50% Load Min Config Lowest Dependency (ac): Efficiency at 70% Load Min Config Lowest Dependency (ac): Efficiency at 70% Load Min Config Lowest Dependency (ac): Weighted Efficiency Calc Min Config Lowest Dependency (ac): Weighted Efficiency Calc Min Config Lowest Dependency: Efficiency (%): Weighted Efficiency Calc Min Config Lowest Dependency: Efficiency (%): Weighted Efficiency Calc Min Config Lowest Dependency: Efficiency (%): Weighted Efficiency Calc Min Config Lowest Dependency: Efficiency (%): Weighted Efficiency Calc Min Config Lowest Dependency: Efficiency (%): Weighted Efficiency Calc Min Config Lowest Dependency: Efficiency (%): Weighted Efficiency Calc Min Config Lowest Dependency: Efficiency (%): Weighted Efficiency Calc Min Config Lowest Dependency: Efficiency (%): Weighted Efficiency Calc Min Config Lowest Dependency: Efficiency (%): Weighted Efficiency Calc Min Config Lowest Dependency: Efficiency Storage Mechanism: Battery Energy Storage System Technology: Energy Storage System Removable to Another No Room: Energy Storage System Runtime at 100% Load (min.): Energy Storage System Runtime at 50% Load (min.): Energy Storage System Runtime at 50% Load (min.): Energy Storage System Runtime at 50% Load (min.): Energy Storage System Information URL: https://www.se.com/us/en/who-we-are/sustainability/recycling-options.jsp Model Web Page URL: https://www.se.com/us/en/who-we-are/sustainability/recycling-options.jsp Model Web Page URL: https://www.se.com/us/en/who-we-are/sustainability/ Date Available on Market: Date Certified: United States, Canada Markets: United States, Canada | Test Output Frequency (Hz): | 60 |
| Dependency (ac): Efficiency at 50% Load Min Config Lowest Dependency (ac): Efficiency at 75% Load Min Config Lowest Dependency (ac): Efficiency at 100% Load Min Config Lowest Dependency (ac): Weighted Efficiency Calc Min Config Lowest Dependency: Weighted Efficiency Calc Min Config Lowest Dependency: Weighted Efficiency Calc Min Config Lowest Dependency: Battery: Weighted Efficiency Calc Min Config Lowest Dependency: Weighted Efficiency Calc Min Config Lowest Dependency: Battery: Battery: Battery: Energy Storage Mechanism: Energy Storage System Technology: Valve Regulated Lead-acid Battery Integral No No Road (min.): Energy Storage System Removable to Another Room: Energy Storage System Runtime at 100% Load (min.): Energy Storage System Runtime at 50% Load (min.): Energy Storage System Warranty (yrs): Energy Storage System Warranty (yrs): Energy Storage System Warranty (yrs): Energy Storage System Information URL: https://www.se.com/us/en/product/RBC17 Battery Recycling URL: ohter Communication Protocols: Other Communication Protocols: Other Communication Protocol Other: USB Power Summary Manufacturer Take Back Program Ves Manufacturer Take Back Program URL: https://www.se.com/us/en/who-we-are/sustainability/recycling-options.jsp Model Web Page URL: https://www.se.com/us/en/product/BE650G1 Test Method Guidelines: http://www.se.com/us/en/who-we-are/sustainability/ Date Available on Market: Date Certified: United States, Canada | Total Input Power in W at 0% Load Min Config Lowest Dependency (ac): | 1.93 |
| Dependency (ac): Efficiency at 75% Load Min Config Lowest Dependency (ac): Efficiency at 100% Load Min Config Lowest Dependency (ac): Weighted Efficiency Calc Min Config Lowest Dependency: Efficiency (%): 88.8 Modular UPS Module Tested Model Number: NA Energy Storage Mechanism: Battery Energy Storage System Technology: Valve Regulated Lead-acid Battery Integral Energy Storage System Removable to Another No Energy Storage System Removable to Another No Energy Storage System Runtime at 100% Load (min.): Energy Storage System Runtime at 50% Load (min.): Energy Storage System Warranty (yrs): Energy Storage System Warranty (yrs): Energy Storage System Information URL: https://www.se.com/us/en/product/RBC17 Battery Recycling URL: https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp Network Connections Available: Communication Protocols: Communication Protocol Other: USB Port Communication Protocol Other: USB Power Summary Yes Manufacturer Take Back Program: Manufacturer Take Back Program URL: https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp Model Web Page URL: https://www.apc.com/us/en/product/BE650G1 http://www.apc.com/us/en/who-we-are/sustainability/ Date Available on Market: Date Certified: United States, Canada | Efficiency at 25% Load Min Config Lowest Dependency (ac): | 97.9 |
| Dependency (ac): Efficiency at 100% Load Min Config Lowest Dependency (ac): Weighted Efficiency Calc Min Config Lowest Dependency: Weighted Efficiency Calc Min Config Lowest Dependency: Efficiency (%): 98.8 Modular UPS Module Tested Model Number: Energy Storage Mechanism: Energy Storage Mechanism: Energy Storage System Technology: Untegral Energy Storage System Configuration: Energy Storage System Removable to Another Room: Energy Storage System Removable to Another Room: Energy Storage System Runtime at 100% Load (min.): Energy Storage System Warranty (yrs): Energy Storage System Warranty (yrs): Battery Recycling URL: https://www.se.com/us/en/product/RBC17 Battery Recycling URL: https://www.apc.com/us/en/who-we-are/sustainability/recycling-options/jsp Network Connections Available: USB Port Communication Protocol Other: USB Power Summary Yes Manufacturer Take Back Program: Manufacturer Take Back Program URL: https://www.apc.com/us/en/who-we-are/sustainability/recycling-options/jsp Model Web Page URL: https://www.apc.com/us/en/who-we-are/sustainability/recycling-options/jsp Model Web Page URL: https://www.apc.com/us/en/who-we-are/sustainability/ Date Available on Market: Date Certified: United States, Canada | Efficiency at 50% Load Min Config Lowest Dependency (ac): | 98.8 |
| Dependency (ac): Weighted Efficiency Calc Min Config Lowest Dependency: Efficiency (%): 98.8 Modular UPS Module Tested Model Number: N/A Energy Storage Mechanism: Energy Storage System Technology: Energy Storage System Configuration: Energy Storage System Removable to Another Room: Energy Storage System Runtime at 100% Load (min.): Energy Storage System Runtime at 50% Load (min.): Energy Storage System Warranty (yrs): Energy Storage System Information URL: Battery Recycling URL: Other Communication Protocol Other: USB Power Summary Manufacturer Take Back Program URL: https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp Model Web Page URL: Date Available on Market: Date Certified: Markets: United States, Canada | Efficiency at 75% Load Min Config Lowest Dependency (ac): | 99.0 |
| Dependency: Efficiency (%): 98.8 Modular UPS Module Tested Model Number: Energy Storage Mechanism: Energy Storage System Technology: Energy Storage System Configuration: Energy Storage System Removable to Another Room: Energy Storage System Runtime at 100% Load (min.): Energy Storage System Runtime at 50% Load (min.): Energy Storage System Marranty (yrs): Energy Storage System Information URL: Battery Recycling URL: Battery Recycling URL: Communication Protocols: Communication Protocol Other: Communication Protocol Other: USB Power Summary Manufacturer Take Back Program: Manufacturer Take Back Program URL: https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp Model Web Page URL: https://www.apc.com/us/en/who-we-are/sustainability/ Date Available on Market: 2011-07-28 Date Certified: Markets: United States, Canada | Efficiency at 100% Load Min Config Lowest Dependency (ac): | 99.2 |
| Modular UPS Module Tested Model Number: Energy Storage Mechanism: Energy Storage System Technology: Energy Storage System Configuration: Energy Storage System Removable to Another Room: Energy Storage System Runtime at 100% Load (min.): Energy Storage System Runtime at 50% Load (min.): Energy Storage System Runtime at 50% Load (min.): Energy Storage System Warranty (yrs): Energy Storage System Information URL: Energy Storage System Warranty (yrs): Battery Recycling URL: Communication Protocol URL: Communication Protocol Other: USB Port Communication Protocol Other: USB Power Summary Manufacturer Take Back Program: Yes Manufacturer Take Back Program URL: https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp Model Web Page URL: https://www.apc.com/us/en/product/BE650G1 Test Method Guidelines: http://www.apc.com/us/en/who-we-are/sustainability/ Date Available on Market: 2011-07-28 Date Certified: United States, Canada | Weighted Efficiency Calc Min Config Lowest Dependency: | 98.8 |
| Energy Storage System Technology: Energy Storage System Configuration: Energy Storage System Removable to Another Room: Energy Storage System Removable to Another Room: Energy Storage System Runtime at 100% Load (min.): Energy Storage System Runtime at 50% Load (min.): Energy Storage System Runtime at 50% Load (min.): Energy Storage System Runtime at 50% Load (min.): Energy Storage System Warranty (yrs): Energy Storage System Information URL: Energy Storage System Warranty (yrs): Battery Recycling URL: Other: Communication Protocols: Other Communication Protocols: Communication Protocol Other: USB Power Summary Manufacturer Take Back Program: Yes Manufacturer Take Back Program URL: https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp Model Web Page URL: https://www.se.com/ca/en/product/BE650G1 Test Method Guidelines: http://www.apc.com/us/en/who-we-are/sustainability/ Date Available on Market: 2011-07-28 Date Certified: United States, Canada | Efficiency (%): | 98.8 |
| Energy Storage System Configuration: Integral Energy Storage System Removable to Another Room: Energy Storage System Removable to Another Room: Energy Storage System Runtime at 100% Load (min.): Energy Storage System Runtime at 50% Load (min.): Energy Storage System Runtime at 50% Load (min.): Energy Storage System Runtime at 50% Load (min.): Energy Storage System Warranty (yrs): Energy Storage System Information URL: Inttps://www.se.com/us/en/product/RBC17 Battery Recycling URL: Inttps://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp Network Connections Available: USB Port Communication Protocols: Other Communication Protocol Other: USB Power Summary Manufacturer Take Back Program: Yes Manufacturer Take Back Program URL: Inttps://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp Model Web Page URL: Inttps://www.se.com/ca/en/product/BE650G1 Intest Method Guidelines: Inttp://www.apc.com/us/en/who-we-are/sustainability/ Date Available on Market: 2011-07-28 Date Certified: United States, Canada | Modular UPS Module Tested Model Number: | N/A |
| Energy Storage System Removable to Another Room: Energy Storage System Runtime at 100% Load (min.): Energy Storage System Runtime at 50% Load (min.): Energy Storage System Runtime at 50% Load (min.): Energy Storage System Warranty (yrs): Energy Storage System Warranty (yrs): Energy Storage System Information URL: https://www.se.com/us/en/product/RBC17 https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp Network Connections Available: USB Port Communication Protocols: Other Communication Protocol Other: USB Power Summary Manufacturer Take Back Program: Manufacturer Take Back Program URL: https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp Model Web Page URL: https://www.apc.com/us/en/who-we-are/sustainability/ Test Method Guidelines: http://www.apc.com/us/en/who-we-are/sustainability/ Date Available on Market: 2011-07-28 Date Certified: United States, Canada | Energy Storage Mechanism: | Battery |
| Energy Storage System Removable to Another Room: Energy Storage System Runtime at 100% Load (min.): Energy Storage System Runtime at 50% Load (min.): Energy Storage System Runtime at 50% Load (min.): Energy Storage System Warranty (yrs): Energy Storage System Information URL: https://www.se.com/us/en/product/RBC17 Battery Recycling URL: https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp Network Connections Available: USB Port Communication Protocols: Other Communication Protocol Other: USB Power Summary Manufacturer Take Back Program: Yes Manufacturer Take Back Program URL: https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp Model Web Page URL: https://www.se.com/ca/en/product/BE650G1 Test Method Guidelines: http://www.apc.com/us/en/who-we-are/sustainability/ Date Available on Market: 2011-07-28 Date Certified: United States, Canada | Energy Storage System Technology: | Valve Regulated Lead-acid Battery |
| Energy Storage System Runtime at 100% Load (min.): Energy Storage System Runtime at 50% Load (min.): Energy Storage System Runtime at 50% Load (min.): Energy Storage System Warranty (yrs): Energy Storage System Information URL: https://www.se.com/us/en/product/RBC17 Battery Recycling URL: https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp Network Connections Available: USB Port Communication Protocols: Other Communication Protocol Other: USB Power Summary Manufacturer Take Back Program: Yes Manufacturer Take Back Program URL: https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp Model Web Page URL: https://www.se.com/ca/en/product/BE650G1 http://www.apc.com/us/en/who-we-are/sustainability/ Date Available on Market: 2011-07-28 Date Certified: United States, Canada | Energy Storage System Configuration: | Integral |
| (min.): Energy Storage System Runtime at 50% Load (min.): Energy Storage System Warranty (yrs): Energy Storage System Information URL: https://www.se.com/us/en/product/RBC17 https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp Network Connections Available: USB Port Communication Protocols: Other Communication Protocol Other: USB Power Summary Manufacturer Take Back Program: Yes Manufacturer Take Back Program URL: https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp Model Web Page URL: Test Method Guidelines: http://www.se.com/ca/en/product/BE650G1 Test Method Guidelines: http://www.apc.com/us/en/who-we-are/sustainability/ Date Available on Market: 2011-07-28 Date Certified: United States, Canada | Energy Storage System Removable to Another Room: | No |
| (min.): Energy Storage System Warranty (yrs): Battery Recycling URL: https://www.apc.com/us/en/product/RBC17 https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp Network Connections Available: Communication Protocols: Communication Protocol Other: USB Power Summary Manufacturer Take Back Program: Manufacturer Take Back Program URL: https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp Model Web Page URL: https://www.se.com/ca/en/product/BE650G1 Test Method Guidelines: http://www.apc.com/us/en/who-we-are/sustainability/ Date Available on Market: 2011-07-28 Date Certified: United States, Canada | Energy Storage System Runtime at 100% Load (min.): | 3 |
| Energy Storage System Information URL: https://www.se.com/us/en/product/RBC17 https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp Network Connections Available: USB Port Communication Protocols: Other Communication Protocol Other: USB Power Summary Manufacturer Take Back Program: Yes Manufacturer Take Back Program URL: https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp Model Web Page URL: https://www.se.com/ca/en/product/BE650G1 Test Method Guidelines: http://www.apc.com/us/en/who-we-are/sustainability/ Date Available on Market: 2011-07-28 Date Certified: United States, Canada | Energy Storage System Runtime at 50% Load (min.): | 12 |
| Battery Recycling URL: https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp Network Connections Available: USB Port Communication Protocols: Other USB Power Summary Manufacturer Take Back Program: Manufacturer Take Back Program URL: https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp Model Web Page URL: https://www.se.com/ca/en/product/BE650G1 Test Method Guidelines: http://www.apc.com/us/en/who-we-are/sustainability/ Date Available on Market: 2011-07-28 Date Certified: United States, Canada | Energy Storage System Warranty (yrs): | 3 |
| options.jsp Network Connections Available: USB Port Communication Protocols: Other USB Power Summary Manufacturer Take Back Program: Manufacturer Take Back Program URL: https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp Model Web Page URL: https://www.se.com/ca/en/product/BE650G1 Test Method Guidelines: http://www.apc.com/us/en/who-we-are/sustainability/ Date Available on Market: 2011-07-28 Date Certified: United States, Canada | Energy Storage System Information URL: | https://www.se.com/us/en/product/RBC17 |
| Communication Protocols: Communication Protocol Other: USB Power Summary Yes Manufacturer Take Back Program: Manufacturer Take Back Program URL: https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp Model Web Page URL: https://www.se.com/ca/en/product/BE650G1 Test Method Guidelines: http://www.apc.com/us/en/who-we-are/sustainability/ Date Available on Market: 2011-07-28 Date Certified: 2019-01-31 United States, Canada | Battery Recycling URL: | , , , |
| Communication Protocol Other: Manufacturer Take Back Program: Manufacturer Take Back Program URL: Mttps://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp Model Web Page URL: https://www.se.com/ca/en/product/BE650G1 http://www.apc.com/us/en/who-we-are/sustainability/ Date Available on Market: Date Certified: 2019-01-31 United States, Canada | Network Connections Available: | USB Port |
| Manufacturer Take Back Program: Manufacturer Take Back Program URL: https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp Model Web Page URL: https://www.se.com/ca/en/product/BE650G1 http://www.apc.com/us/en/who-we-are/sustainability/ Date Available on Market: 2011-07-28 Date Certified: 2019-01-31 United States, Canada | Communication Protocols: | Other |
| Manufacturer Take Back Program URL: https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp Model Web Page URL: https://www.se.com/ca/en/product/BE650G1 Test Method Guidelines: http://www.apc.com/us/en/who-we-are/sustainability/ Date Available on Market: 2011-07-28 Date Certified: 2019-01-31 Markets: United States, Canada | Communication Protocol Other: | USB Power Summary |
| options.jsp Model Web Page URL: https://www.se.com/ca/en/product/BE650G1 Test Method Guidelines: http://www.apc.com/us/en/who-we-are/sustainability/ Date Available on Market: 2011-07-28 Date Certified: 2019-01-31 Markets: United States, Canada | Manufacturer Take Back Program: | Yes |
| Test Method Guidelines: http://www.apc.com/us/en/who-we-are/sustainability/ Date Available on Market: 2011-07-28 Date Certified: 2019-01-31 Markets: United States, Canada | Manufacturer Take Back Program URL: | |
| Date Available on Market: 2011-07-28 Date Certified: 2019-01-31 Markets: United States, Canada | Model Web Page URL: | https://www.se.com/ca/en/product/BE650G1 |
| Date Certified: 2019-01-31 Markets: United States, Canada | Test Method Guidelines: | http://www.apc.com/us/en/who-we-are/sustainability/ |
| Markets: United States, Canada | Date Available on Market: | 2011-07-28 |
| · | Date Certified: | 2019-01-31 |
| ENEDCY STAD Contified: | Markets: | United States, Canada |
| ENERGY STAR Certified. | ENERGY STAR Certified: | Yes |

Additional Model Information

APC Back-UPS 650VA 120V 8 NEMA outlets (4 surge) Factory Serviced, BE650G1W,; Std Exch APC Back-UPS 650VA 120 V 8 NEMA outlets (4 surge), BE650G1Q,

UPC Codes 731304285434

Captured On: 04/25/2025