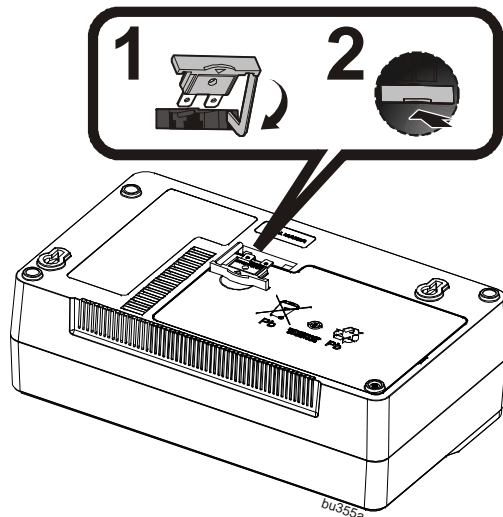


by Schneider Electric

1 Connect the Battery

On the bottom of the UPS, pull the battery connector handle down, and then push it into the unit.



Turn On the Back-UPS

Press the POWER ON button located on the top of the Back-UPS. The Power On/Replace Battery LED will illuminate and a single short beep will be audible to indicate that the Back-UPS is providing protection for connected equipment.

The Back-UPS battery charges fully during the first 16 hours while connected to utility power. The Back-UPS battery will charge while the Back-UPS is switched on or off and is connected to utility power. Do not expect full battery run capability during the initial charge time.

3 Status Indicators

Status	LED Indicator	Audible Indicator On	Audible Indicator Terminates
Power On The Back-UPS is supplying utility power to connected equipment.	The green LED illuminates.	None	N/A
On Battery Back-UPS supplying battery power to battery backup outlets.	The green LED illuminates. The LED is not illuminated during the beeps.	Back-UPS beeps 4 times every 30 seconds.	Beeping stops when utility power is restored or the Back-UPS is turned off.
Low Battery warning The Back-UPS is supplying battery power to the battery backup outlets and the battery is near a total discharge state.	The green LED illuminates with rapid green flashes.	The Back-UPS emits rapid beeping, every 1/2 second.	Beeping stops when utility power is restored or the Back-UPS is turned off.
Overload Shutdown While on battery power an overload condition has occurred in one or more of the battery backup outlets while the Back-UPS is operating on battery power.	None	Constant tone	Back-UPS is turned off.
Sleep Mode While on battery power the battery is completely discharged. The Back-UPS will "awaken" once utility power is restored.	None	The Back-UPS beeps once every four seconds.	The beeping stops when: Utility power is restored If utility power is not restored within 32 seconds The Back-UPS is turned off

Warranty

Register your product on-line. <http://warranty.apc.com>

The standard warranty is two (2) years from the date of purchase. SEIT standard procedure is to replace the original unit with a factory reconditioned unit. Customers who must have the original unit back due to the assignment of asset tags and set depreciation schedules must declare such a need at first contact with an SEIT Technical Support representative. SEIT will ship the replacement unit once the defective unit has been received by the repair department, or cross-ship upon the receipt of a valid credit card number. The customer pays for shipping the unit to SEIT. SEIT pays ground freight transportation costs to ship the replacement unit to the customer.

Service

If the unit requires service, do not return it to the dealer. Follow these steps:

- Review the *Troubleshooting* section of the manual to eliminate common problems.
- If the problem persists, contact Schneider Electric IT (SEIT) Customer Support through the APC by Schneider Electric Web site, www.apc.com.
 - Note the model number and serial number and the date of purchase. The model and serial numbers are located on the rear panel of the unit and are available through the LCD display on select models.
 - Call SEIT Customer Support and a technician will attempt to solve the problem over the phone. If this is not possible, the technician will issue a Returned Material Authorization Number (RMA#).
 - If the unit is under warranty, the repairs are free.
 - Service procedures and returns may vary internationally. Refer to the APC by Schneider Electric Web site for country specific instructions.
- Pack the unit in the original packaging whenever possible to avoid damage in transit. Never use foam beads for packaging. Damage sustained in transit is not covered under warranty.
- Always **DISCONNECT THE UPS BATTERIES** before shipping. The United States Department of Transportation (DOT), and the International Air Transport Association (IATA) regulations require that UPS batteries be disconnected before shipping. The internal batteries may remain in the UPS.
- Write the RMA# provided by Customer Support on the outside of the package.
- Return the unit by insured, pre-paid carrier to the address provided by Customer Support.

2 Transfer Voltage and Sensitivity Settings

Automatic Voltage Regulation

Automatic Voltage Regulation boosts the AC voltage when it drops below safe levels. This allows the equipment that is connected to the Back-UPS to operate during low voltage conditions. Automatic Voltage Regulation will also regulate high voltage conditions down to a safe level.

The Back-UPS will switch to battery power if the AC input voltage level becomes too low or too high for the Automatic Voltage Regulation feature to compensate, or if the AC power is experiencing voltage fluctuations.

No-load Shutdown

The UPS will shut down to conserve energy if while operating on battery power the UPS detects that connected equipment is using less than 15 W of energy for more than 15 minutes.

No-load shutdown can be enabled or disabled through **Program** mode described below.

Voltage Sensitivity Adjustment

If the Back-UPS switches to battery power too frequently or too infrequently, adjust the transfer voltage and sensitivity settings:

- Verify that the Back-UPS battery is connected. Connect the Back-UPS to a wall outlet. The Back-UPS should be turned off.
- Press and hold the POWER ON/OFF button for 10 seconds. The LEDs will illuminate amber, to indicate that the Back-UPS is in **Program** mode.
- The LEDs will flash either green, red or amber to indicate the current sensitivity level. The Back-UPS will beep to indicate that No-load Shutdown is enabled. Refer to the table for an explanation of the transfer voltage sensitivity levels.
- To select LOW sensitivity, press the <KEY>ON/OFF button until the LED flashes green.
- To select MEDIUM sensitivity, press the <KEY>ON/OFF button until the LED flashes red.
- To select HIGH sensitivity, press the <KEY>ON/OFF button until the LED flashes amber.
- To exit **Program** mode wait for five seconds and both LEDs will extinguish.

Program mode is no longer active.

LED Flashes	Audible Indicator	Voltage Sensitivity Setting	Input Voltage Range	No-load Shutdown	Recommended Use
Green	None	Low	150-300	Disabled	Use this setting with equipment that is less sensitive to fluctuations in voltage or waveform distortions.
Green	4 beeps per second	Low	150-300	Enabled	Use this setting with equipment that is less sensitive to fluctuations in voltage or waveform distortions.
Red	None	Medium	155-290	Disabled	Use this setting for normal operation conditions.
Red	4 beeps per second	Medium (factory default)	155-290	Enabled	Use this setting for normal operation conditions.
Amber	None	High	165-280	Disabled	Use this setting when connected equipment is sensitive to voltage fluctuations or waveform distortions.
Amber	4 beeps per second	High	165-280	Enabled	Use this setting when connected equipment is sensitive to voltage fluctuations or waveform distortions.

4 Specifications

Input	Voltage	230 Vac Nominal
	Frequency	47-63 Hz
	Brownout Transfers	155 Vac Typical
	Over-voltage Transfer	290 Vac Typical
Output	UPS Capacity (3 battery backup outlets)	625 VA, 325 W
	Total Amperage (all outlets)	7 A (including UPS output)
	Voltage - On Battery	230 Vac ± 8%
	Frequency - On Battery	50 or 60 Hz ± 1 (auto-sensing)
Protection and Filtering	Transfer Time	6 ms Typical, 10 ms maximum
	AC Surge Protection	Full time, 273 Joules
	EMI/RFI Filter	Full time
Battery	AC Input	Resettable circuit breaker
	Type	Sealed, maintenance-free, lead acid
	Average Life	2 - 3 years depending on the number of discharge cycles and environmental temperature
Physical	Net Weight	5 kg.
	Dimensions Length x Width x Height	27.85 cm x 16 cm x 8.85 cm
	Operating Temperature	32° F to 104° F (0° C to 40° C)
	Storage Temperature	5° F to 113° F (-15° C to 45° C)
	Operating Relative Humidity	0 to 95% non-condensing humidity
	Operating Elevation	0 to 10,000 ft (0 to 3000 m)

Battery Replacement

The battery in the Back-UPS 625 is not user-replaceable. Contact Schneider Electric Sales and Technical Support for a list of authorized service centers near you.

APC by Schneider Electric IT Customer Support Worldwide

For country specific customer support, go to the APC by Schneider Electric Web site, www.apc.com.