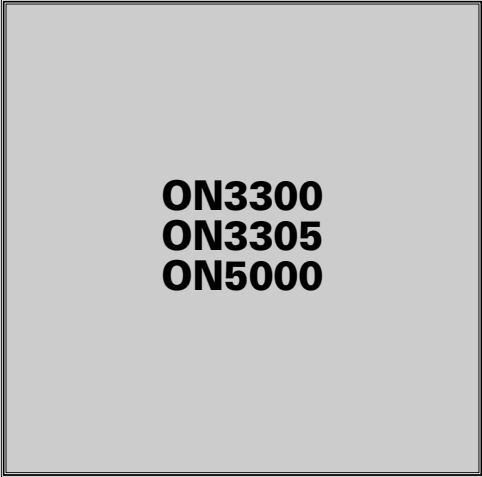


Replacement Battery Installation

For Use with ON Series[®] Conditioned UPSs



ON3300
ON3305
ON5000

Introduction

This document provides instructions for replacing battery packs in the ONEAC ON Series 3300VA and 5000VA model UPS products.

ONEAC ONBP-517 battery packs can be replaced without turning off the power or disrupting the protected equipment.

Contact ONEAC Technical Services if your battery cabinet has a KS or CR prefix in the model number. These models have no user-serviceable or user-replaceable parts. To contact ONEAC 's 24-hour Technical Services Department:

North America: (800) 327-8801 option 3

Europe: +44 (0) 1235 534721

email: ts@oneac.com.

Replacing ONXBC Batteries

The ONXBC battery cabinet houses batteries in a user-accessible enclosure. Battery replacement is a procedure safe from electrical hazards when proper precautions are taken.

The UPS uses sealed, leak-proof, lead-acid batteries that do not emit corrosive gasses.



ATTENTION: *The batteries in the UPS are recyclable. Dispose of the batteries properly. See Battery Disposal on page 4.*

The UPS and the critical load may remain on-line and operational during the procedure.



CAUTION: *Battery back up is not available if all battery strings are opened (disconnected).*

The following precautions should be observed while servicing battery systems:



CAUTION: *To reduce the risk of electrical shock:*

- *Remove any watches, rings, or other metal objects.*
- *Use tools with insulated handles.*
- *Wear rubber gloves and boots.*
- *Do not lay tools or metal objects on top of batteries.*
- *Disconnect charging source prior to connecting or disconnecting battery terminals.*

Replacing ONXBC Batteries

NOTE: Contact ONEAC Technical Services. If you have any questions during the following procedures.



CAUTION: Each battery string consists of two ONBP-517 battery packs. Replace both packs at the same time. Premature battery failure or equipment damage can occur if old and new batteries are mixed.

An ONXBC battery cabinet may have two or four battery packs (1 or 2 strings).

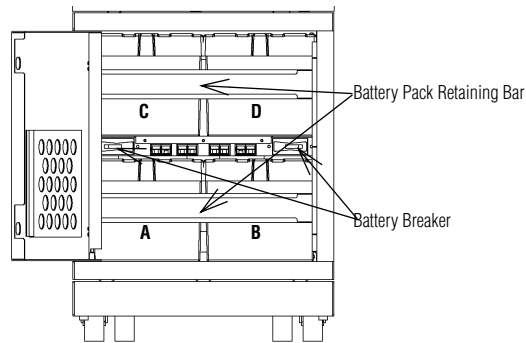


Fig. 1: ONXBC Battery Cabinet Front

NOTE: Follow these steps to replace the battery packs on one shelf at a time (A/B or C/D) see Fig. 1.

1. Fully open the front door of the battery cabinet using the two latches. The door may be removed by lifting the door off its hinges.



CAUTION: There is a ground wire attached to the battery cabinet door. Be careful when removing the door not to strain the wire.

2. Set battery breaker on the shelf to be serviced to the "OFF" position and unplug **both** battery connectors.
3. Remove the battery pack retaining bracket:
 - A. Pull the black knob on the battery pack retaining bracket until it "clicks".
 - B. Slide the bracket toward the opposite side from the knob and pull out the bracket.

Replacing ONXBC Batteries

- C. Tilt the bracket at an angle and completely remove the bracket from the cabinet.
- 4. Use the battery pack binding strap (NOT THE BATTERY CABLE) to pull the left battery pack out 2 - 4 inches.

NOTE: *Each battery pack weighs 70 pounds.*

- 5. Firmly grasp the battery pack from underneath, then slowly and carefully remove it.
- 6. Repeat steps 4 - 5 for the right battery pack.
- 7. Insert the new packs (right side battery pack first) and reconnect the battery connectors.
- 8. Follow step 3 (A - C) in reverse order to secure the new battery packs with the retaining bracket. Be sure to secure the bracket by pushing the black knob until it “clicks”.
- 9. Plug the battery connectors as they were before.
- 10. Return the battery breakers to the “ON” position.
- 11. Repeat steps 2 - 10 for the other shelf.
- 12. Replace the battery cabinet door, close and secure it with the two door latches.

Battery Disposal

UPS batteries contain toxic and acidic materials. Disposal method must adhere to local/national recycling laws.

Dispose of the battery in one of three ways:

- Return batteries prepaid to ONEAC by following these steps:
 1. After the battery pack has been replaced, place the depleted battery pack in the box the same way the replacement was packaged and seal the box.
 2. Follow the return instructions on the back of the attached UPS A.R.S. label and affix the box.
 3. To return to ONEAC for proper recycling (at no cost to you), give the box to any UPS pick-up driver or call 1-800-742-5877 for the nearest drop-off location.
- Contact ONEAC if you need the number of a local battery collection site (US only).
- Make arrangements with a local business or auto shop that collects batteries for reprocessing.



CAUTION: *DO NOT dispose of batteries in a fire. The battery may explode. Do not open or mutilate the battery or battery enclosure. Released electrolytes are harmful to the skin and eyes and are toxic.*

Ordering New Batteries

Replacement batteries may be ordered directly from ONEAC or from your local authorized representative or reseller.

ONEAC USA

27944 North Bradley Road
Libertyville, IL 60048-9700
United States
Toll Free: (800) 327-8801
Tel: (847) 816-6000
Fax: (847) 680-5124

ONEAC EUROPE

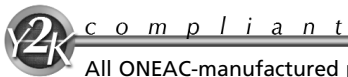
18 & 20 Blacklands Way
Abingdon Business Park
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Tel: +44 (0) 1235 534721
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