

PL3000 Series Replacement Battery Unit Installation Guide

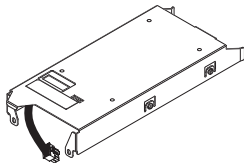
Caution

Be sure to read the "Warning/Caution Information" on the attached sheet before using the product.

This product is a replacement battery unit for PL3000 series with a built-in battery unit.

Package Contents

- (1) Battery Unit (1)
(attached to the inside of a PL unit)



- (2) PL3000 Series Replacement Battery Unit Installation Guides (1)
<This Guide>
- (3) M3 x 6 screws (2) (spare)

This unit has been carefully packed, with special attention to quality. However, should you find anything damaged or missing, please contact your local distributor immediately.

About the Manual

For further information on the battery unit driver, refer to the following PDF manual.

- PL3000 Series Reference Manual

The manual can be downloaded from Pro-face Home Page.

URL

<http://www.pro-face.com/otasuke/>

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General Specifications

Electrical, environmental and structural specifications for the battery correspond to the PL unit. For further information, refer to the PL3000 Hardware Manual.

However, surrounding air temperature and the weight of the battery unit are shown below.

Surrounding Air Temperature	5 to 45 °C
Weight (the battery unit only)	1.4kg or less

IMPORTANT

- COM2 is not available on the built-in battery unit version because that version uses COM2 exclusively as an interface for battery output.

Backup Battery

1. About the Battery

The battery unit is equipped with a Ni-H battery for backup.

■ Charging time

It takes 15 hours for the battery to become fully charged from empty with the power on.

IMPORTANT

- If the PL unit is not used for an extensive period of time, or during initial stage of new installation of the PL unit, the backup battery be insufficiently charged. The battery must be fully charged with the unit powered on AC for 15 hours or more. If the battery is insufficiently charged, the backup battery function may not work properly.

■ Service life

Conditions for the battery	Service life (years)
Hours of use per a day: 24 hours (continuous use) Discharge: 50W 3 minutes discharge, 5 times per year Surrounding air temperature: 30°C	about 3

IMPORTANT

- The service life of the battery varies depending on its usage condition. The values shown above do not guarantee your battery's service life. It is strongly recommended that the battery be replaced with a new one as early as possible.

2. Battery Cautions

DANGER

- To prevent the battery from leakage, heat generation or explosion, be sure and:
 - Do not heat or throw the battery into a fire.
 - Do not disassemble or modify the battery.
- If the battery liquid, strong alkaline, gets in your eyes, immediately rinse your eyes with clean water and consult a doctor, since it may cause you to lose your eyesight.

⚠ WARNING

- Do not get the battery wet in fresh or salt water. Doing so may cause battery heat generation and rust. If rust in the battery is found, the function of the gas blowdown valve may not work properly. Moreover, continued use of the battery in this situation may cause an explosion.
- Do not scratch or remove the outer covering tube. Doing so may cause battery leakage, heat generation, and an explosion.
- If the battery liquid, strong alkaline, contacts your skin and clothes, be sure to wash it with clean water. Otherwise, it may cause skin lesions.

⚠ CAUTION

- Do not strike or throw the battery. Doing so may cause battery leakage, heat generation, and an explosion.
- Do not carry the battery while holding the connector and the lead wire. Doing so may cause battery damage.
- Avoid leaving the battery in high temperature places such as direct sunlight, inside a sun-heated car, near water, or near a heater. Doing so may cause battery leakage, or reduce the battery functions and lifetime.
- The battery can be recycled. To recycle your used battery, follow the regulations and instructions in your area.

Replacing Battery Unit

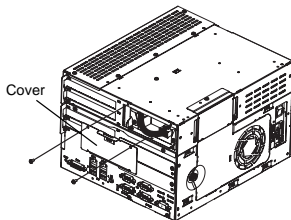
When battery replacement is needed, replace the whole battery unit.

The model type of the replacement battery unit is “APL3000-BATTU”.

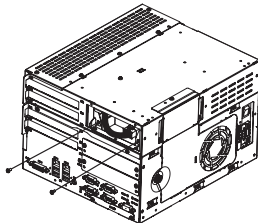
Here is the battery unit replacement procedure for PL-3000B series:

⚠ WARNING

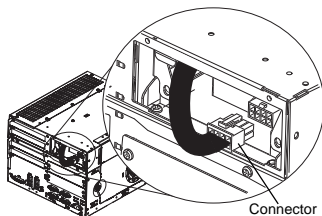
- To avoid an electric shock, turn off the power of the PL before installation/removal.
- (1) Turn off the power of the PL, and remove the power cable. Place the PL unit on a flat surface.
 - (2) Remove the two cover screws and then remove the board cover.



- (3) Remove the two battery unit screws.

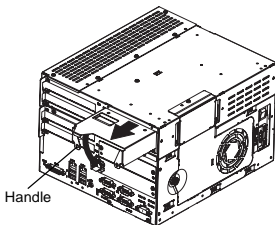


- (4) Pull out the cable connector.



NOTE

- To remove the connector, depress the latch on the top of the connector while pulling outward.
- (5) Pull out the battery unit while holding the handle.



- (6) To install a new battery unit, reverse steps (2) to (5) above.

Inquiry

Do you have any questions or comments about this product? Please access our site anytime you need help with a solution.

<http://www.pro-face.com/otasuke/>

Note

Please be aware that Digital Electronics Corporation shall not be held liable by users for any damages such as system breakage failure, data loss, a second accident or opportunity loss caused by a battery failure, and etc., arising from the uses of this product.

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