

Transportation

Lithium batteries are classified as Dangerous Goods Class 9 under the Australian Dangerous Goods (ADG) Code. Each B3 battery contains approximately 11 g of Lithium metal.

B3 batteries are supplied in packaging approved for transport under the ADG Code. Packaging for transport must be compliant with the ADG Code. S.E.A. recommends using the standard B3 packaging, including outer shipping carton.

Warning

B3 batteries are classified as **Dangerous Goods Class 9 (ADG Code)**. When transporting batteries, **it is the responsibility of the sender** to ensure they are packaged and despatched in compliance with regulations.



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Non-Rechargeable Battery B3

For the SE400 range of respirators



User Instructions

Non-Rechargeable Battery B3

Warning!

Non-rechargeable Lithium battery.

Risk of Fire. Battery can explode or leak and cause injury if mishandled.

Do not short circuit, recharge, disassemble, crush or expose to fire or high temperatures.

The B3 non-rechargeable Lithium battery is designed for use with the SE400 range of positive-pressure breath-responsive respirators. It is ideal for applications such as emergency response where use is infrequent but immediate preparedness is essential.

Single-use

The B3 is a single-use battery. It cannot be recharged.

Warning

Do not attempt to recharge a B3 battery, either with an S.E.A. battery charger or by any other means. Recharging may cause **fire, explosion or leakage of hazardous battery contents.**

Sealed packaging

The B3 is packaged in a sealed plastic inner package.

The battery should always be kept with its sealed plastic inner package intact. The packaging should be removed only immediately before use.

Warning

Do not use a B3 battery in a hazardous environment if the **sealed plastic package is missing or damaged.** An unsealed battery may have been used previously, and its capacity may be depleted, potentially resulting in **reduced respiratory protection.**

Short-circuit protection

The B3 battery has an internal non-resettable fuse for protection against short-circuit. Short-circuiting the battery terminals will permanently disable the battery.

Failure of the battery due to short-circuit is not covered by the manufacturer's warranty.

Warning

Do not short-circuit the terminals of a B3 battery. Short-circuiting will result in **permanent damage** to the battery.

Installation and operation

The B3 battery may be used with the SE400 and SE40 respirators in the same way as other SE400 batteries.

For instructions on the installation of batteries and the operation of respirators, refer to the SE400 or SE40 user instructions.

Operating time

The B3 battery has a higher capacity than the SE400 rechargeable batteries. Its nominal capacity is 6.4 Amp-hours.

The B3 achieves significantly longer operating time than the B1 battery under standard test conditions.

Storage and shelf life

Store B3 batteries in a clean, dry location, away from direct sunlight. Avoid shock and vibration.

The maximum recommended storage temperature is 30°C (86°F). Ideally, batteries should be stored within the temperature range 10 to 25°C (50 to 77°F) to minimise degradation.

The B3 battery has a shelf life of up to 10 years.

The manufacturer of the cells used in the B3 claims a shelf life of 10 years. In practice, shelf life may vary due to individual cell variations, storage conditions, etc. For more information on shelf life contact S.E.A.