

# 3M Battery Pack 520-04-57R01, Lithium

## *User Instructions*

*(Keep these User Instructions for reference)*



### WARNING

Respirators help reduce exposure to certain airborne contaminants. **Misuse of respirator products may result in sickness or death.** For proper use, see supervisor, *User Instructions* or call 3M Technical Service

### Intended Use

The 3M™ Battery Pack, Lithium, is designed to consistently supply power to the 3M™ Breathe Easy™ Turbo Motor Blower Unit for extended durations using NON-RECHARGABLE lithium manganese chemistry. In order to track the remaining power in a battery, a “Hours Used” grid is printed on the battery pack label.

### IMPORTANT

Before use, the wearer must read and understand these *User Instructions*. Keep these *User Instructions* for reference. Refer to the 3M™ Breathe Easy™ Turbo Powered Air Purifying Respirator Assembly *User Instructions* for complete operating/maintenance instructions.

### Specifications

Service Time –	Approximately 12 hours of use
Shelf Life –	Maximum 10-year shelf life from date of manufacture
Operating Temperature Range –	0° F to 120° F (-18° C to 48° C)
Storage Temperature Range –	-67° F to 176° F (-55° C to 80° C)
Weight –	1.0 lb (454 g)

### Use Instructions

1. A battery pack "Hours Used" grid section should be marked out for each full or partial hour used (i.e. for 1 1/2 hours use, two (2) sections should be marked out).
2. After all 12 sections have been marked out (Final Use), the battery should be completely discharged using the discharge de-activation device located on the top of the battery.
3. The de-activation device is activated by first removing the attention label on top of the battery, then turning the screw clockwise a minimum of one full rotation. Store the battery in a well-ventilated area

for five days ensuring that the batteries have a minimum of two inches between them during discharge.

4. After (Final Use), discharge and dispose of the battery in accordance with all local, state and federal regulations.
5. If a fresh battery pack fails to operate the equipment, do not activate the discharge activation device. Dispose of the battery as hazardous waste.

## **WARNING**

Do not charge, short circuit, incinerate or mutilate this battery, otherwise battery may vent or rupture releasing toxic material.

Not for use in environments requiring intrinsic safety.

Do not allow water to enter this case.

**Failure to comply may result in personal injury or property damage.**

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### **Cleaning**

Solvents should not be used to clean the battery case. Liquid solvents may chemically weaken the plastic. Wipe the battery pack with a mild cleaning solution. Do not immerse the battery pack.

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