

# RECHARGEABLE Li-ion BATTERY PACK

## OPERATION MANUAL



NT09E-101

NT09E-102



**TO REDUCE THE RISK OF INJURY, USER MUST READ AND UNDERSTAND OPERATOR'S MANUAL.**



## **1. STORAGE AND MAINTENANCE**

- Remove batteries from charger or tools when not in use.
- Pack batteries with poly-bag or case, avoid the electrical contacts being touched or short circuited during storage and transportation.
- Store your battery pack in a cool, dry place.

### **WARNING!**

**To reduce the risk of injury, always remove the battery from the charger or tools before performing any maintenance. Never disassemble the battery. Contact a service facility for ALL repairs.**

- Clean out dust and debris from battery pack vents and electrical contacts by blowing with compressed air.
- Remove dirt and dust from the housing with a paint brush or dry cloth, keeping away from all electrical contacts.
- Never use flammable or combustible solvents around batteries, charger, or tools.
- Never immerse your battery or charger in liquid or allow a liquid to flow inside them.
- Reduced operating times after recharging indicates that the battery is worn out. The battery must be replaced.
- Follow the instructions for charging the battery in the operating instructions for the electric power tool and the battery charger.

## **2. SYMBOLOGY**



Before switching on the power tool, read the operating manual!



Device is suitable for use indoors only. Store electric power tool in dry rooms.



Only charge batteries at temperatures between +4 °C to +40 °C. Protect the battery from heat, e.g. from continuous exposure of sunlight and fire.



Do not throw device in the fire. There is a risk of explosion.



Do not expose the device to rain; keep the device away from water.



Do not throw the battery pack into the household waste! Battery pack must be collected separately and recycled in an environmentally friendly manner.

## **3. IMPORTANT SAFETY INSTRUCTIONS**

### **READ AND UNDERSTAND ALL INSTRUCTIONS**

Failure to follow all instructions listed below, may result in electric shock, fire and/or serious personal injury.

- **SAVE THESE INSTRUCTIONS - THIS OPERATOR'S MANUAL CONTAINS IMPORTANT SAFETY AND OPERATING INSTRUCTIONS FOR SHINEMATE Li-ion BATTERY PACKS AND THE SHINEMATE Li-ion CHARGER.**
- **BEFORE USING THE BATTERY PACK AND CHARGER, READ THIS OPERATOR'S MANUAL, YOUR TOOL OPERATOR'S MANUAL, AND ALL LABELS ON THE BATTERY PACK, CHARGER AND TOOL.**
- **TO REDUCE THE RISK OF INJURY, CHARGE ONETECH Li-ion PACKS ONLY IN THEIR ONETECH LITHIUMION CHARGER.** Other types of chargers may cause personal injury or damage. Do not wire a battery pack to a power supply plug or car cigarette lighter. Battery packs will be permanently disabled or damaged.
- **USE ONETECH Li-ion PACKS ONLY ON COMPATIBLE ONETECH Li-ion TOOLS.** Use with other tools may result in a risk of fire, electric shock or personal injury.

- **AVOID DANGEROUS ENVIRONMENTS.** Do not charge battery pack in rain, snow, damp or wet locations. Do not use battery pack or charger in the presence of explosive atmospheres (gaseous fumes, dust or flammable materials) because sparks may be generated when inserting or removing battery pack, possibly causing fire.
- **CHARGE IN A WELL-VENTILATED AREA.** Do not block charger vents. Keep them clear to allow proper ventilation. Do not allow smoking or open flames near a charging battery pack. Vented gases may explode.
- **DO NOT BURN OR INCINERATE BATTERY PACKS.** Battery packs may explode, causing personal injury or damage. Toxic fumes and materials are created when battery packs are burned.
- **DO NOT CRUSH, DROP, OR DAMAGE BATTERY PACK.** Do not use a battery pack or charger that has received a sharp blow, been dropped, run over, or damaged in any way (e.g., pierced with a nail, hit with a hammer, stepped on).
- **DO NOT DISASSEMBLE.** Incorrect reassembly may result in the risk of electric shock, fire or exposure to battery chemicals. If it is damaged, take it to Seller’s service center or ONETECH representative.
- **BATTERY CHEMICALS CAUSE SERIOUS BURNS.** Never allow contact with skin, eyes, or mouth. If a damaged battery pack leaks battery chemicals, use rubber or neoprene gloves to dispose of it. If skin is exposed to battery fluids, wash with soap and water and rinse with vinegar. If eyes are exposed to battery chemicals, immediately flush with water for 20 minutes and seek medical attention. Remove and dispose of contaminated clothing.
- **DO NOT SHORT CIRCUIT.** A battery pack will short circuit if a metal object makes a connection between the positive and negative contacts on the battery pack. Do not place a battery pack near anything that may cause a short circuit, such as coins, keys or nails in your pocket. Do not allow fluids to flow into battery pack. Corrosive or conductive fluids, such as seawater, certain industrial chemicals, and bleach or bleach containing products, etc., can cause a short circuit. A short-circuited battery pack may cause fire, personal injury, and product damage.
- **STORE YOUR BATTERY PACK AND CHARGER IN A COOL, DRY PLACE.** Do not store battery pack where temperatures may exceed 40°C such as in direct sunlight, a vehicle or metal building during the summer.
- **THIS BATTERY PACK IS NOT INTENDED FOR USE BY CHILDREN AND PERSONS WITH PHYSICAL, SENSORY OR MENTAL LIMITATIONS OR A LACK OF EXPERIENCE OR KNOWLEDGE.**

#### 4. SPECIFICATIONS

Model	Capacity, Ah	Voltage, V DC	Weight, g	AirCool	Charging time, min	Recommended ambient
NT09E-102	2.5 (45 Wh)	18	400	✓	~ 60	+4 °C to +40 °C
NT09E-101	5.0 (90 Wh)		700			

#### 5. WHEN TO CHARGE THE BATTERY PACK

- New battery pack need to be charged before use.
- Remove the battery pack from the tool for charging when convenient for you and your job. Li-ion batteries do not develop a "memory" when charged after only a partial discharge. It is not necessary to run down the battery pack before placing it on the charger.
- The battery packs not in often use need to be charged for each 3 months.
- The long-time uncharged battery pack may enter into a "sleep" status due to the gradually dropping down of voltage, charger may not be able to reactivate it. Such battery pack needs to be sent to the service center to reactivate with special equipment. The reactivation is not guaranteed to be successful subject to battery condition.

#### 6. EXEMPTION FROM LIABILITY

The manufacturer and his representative are not liable for any damage and lost profit due to interruption in business caused by the product or by an unusable product.

The manufacturer and his representative are not liable for any damage which was caused by improper use of the battery pack or by use of the battery pack with products from other manufacturers.



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