

# PATRIOT® HIGH PERFORMANCE PAT750-LI

## 18 Volt Lithium-Ion Battery Actuated Tool

### Hydraulic Self-Contained 12 Ton Crimping Tool

The BURNDY® PATRIOT® PAT750-LI Lithium-Ion tool is approximately 25% faster than the previous models. In addition to faster crimp cycles, the High Performance PAT750-LI has newly designed electronics that are field proven for ultimate reliability and proven to handle the harshest work environments.

The PAT750-LI incorporates the latest engineering technology with a refined hydraulic system for ultra performance, speed and reliability. The redesigned field proven electronics provides the ultimate reliability in the harshest work environments. All BURNDY® battery actuated hydraulic tools provide a consistent, reliable connection every time. The PAT750-LI features BURNDY's Y750 tool head, capable of using all "U" style dies, and incorporates a bearing and alignment guide for use on HYGROUND® and other asymmetrical connectors. The crimp head rotates 355° for operation in virtually any position.

Each PATRIOT® tool uses standard BURNDY® dies and off-the-shelf connectors available world-wide. Supplied with a durable high impact formed carrying case to hold the tool, battery charger, two 18 volt Lithium-Ion batteries, tool retention lanyard, and die compartment to hold "U" die sets. (Dies sold separately.) All BURNDY® PATRIOT® 18V series tools are provided with a 5-year limited warranty. All PATRIOT® tools feature the BURNDY® INFINITY DRIVE® transmission which has a lifetime warranty.



### Features and Benefits

- Refined hydraulic system for ultra performance, speed and reliability
- Field proven electronics for ultimate reliability in the harshest environments
- Overmolded handle for comfort and improved grip; allows for one-handed operation for advance, retract, and hold
- 18 volt Lithium-Ion batteries provide 2.5 times more charge/discharge cycles than traditional Ni-Cd batteries and provide 430% more lifetime work
- 30-minute charger controls current, voltage & temperature to maximize battery life. Forced air cooling fan cools the battery by forcing cool air through the battery's built-in air vents
- State of the art crimping head design, 355° head rotation lets user get into tight areas easier
- Allows use of standard BURNDY® dies already in use
- Ergonomically balanced tool design eases operation
- Durable high impact formed carrying case provides superior protection and stores all accessories
- PAT750C-LI with rubber covered head is available
- 5-year limited warranty on tool
- Lifetime warranty on INFINITY DRIVE®
- 1-year warranty on batteries and charger

### SPECIFICATIONS

- Output Force:** 12 tons (10.9 metric tons)
- Tool Weight:** 15.7 lbs. (7.12 kg) With Battery
- Length:** 15.75" (40 cm)
- Width:** 3.5" (8.89 cm)
- Height:** 13.5" (34.29 cm)
- Operating Voltage:** 18 V-DC
- Recharge Time:** 30 minutes

### FOR USE ON

- Tension Sleeves
  - Copper #9 sol. - 500 kcmil
  - Aluminum #8 sol. - 587.2 kcmil
  - ACSR #4 - 556.5 kcmil
- Taps
  - Copper #14 sol. - 500 kcmil
  - Aluminum #8 - 500 kcmil
- Aerial Cable
  - Copper #6 - 500 kcmil
- Terminals & Splices
  - Aluminum #8 - 750 kcmil
  - Copper #8 - 750 kcmil
  - ACSR #4 - 556 kcmil
- HYGROUND®
  - Copper #8 - 500 kcmil (cable/ground rod)
  - Ground Rods 1/2" - 1" Diameter

### ACCESSORIES

- Battery:** Cat# **BAT18VLI** (3.0 AH) Hi-capacity
- Chargers:**
  - 120V-AC Cat# **PATCHGR-LI**
  - 12/24V-DC Cat# **PATCHGR-LIDC**
  - 240/250V-AC Cat# **PATCHGR-LI250V**
- Lanyard:** Cat# **PT208620**

