

PATRIOT® IN-LINE®
PATMD6-LI SERIES

18 Volt Lithium-Ion
Battery Actuated Tool

Hydraulic Self-Contained 6 Ton

The BURNDY® PATRIOT® IN-LINE® series of tools are approximately 80% faster than previous models. These tools have newly designed electronics that are field proven for ultimate reliability to handle the harshest work environments. Now further enhanced, the high performance IN-LINE® PATMD6-LI series is offered with 18 volt Lithium-ion technology.

The high performance IN-LINE® tools are battery actuated and can be operated with one hand allowing for advance, retract and hold functions for easier operation, allowing the operator one free hand to position the connector and conductor while crimping. The PATMD6-LI series of tools incorporate a high speed hydraulic pump generating 6 tons of crimping force and completes a crimp (YS28 4/0 copper cable) in approximately 2 seconds. This design provides a consistent, reliable connection every time.

The PATRIOT® IN-LINE® tools feature interchangeable MD6 series jaws, capable of using "W" and "X" style dies in the permanent D3 groove. The PATMD6-K-LI accepts KEARNEY™ type "O" dies and BURNDY® "W" and "X" style dies with KWADP adapter. When ordering choose the tools that best suits your crimping needs.

Each IN-LINE® tool uses standard BURNDY® dies and off-the-shelf connectors available world-wide and are supplied with a durable vinyl tool bag, battery charger and two batteries. All BURNDY® IN-LINE® tools are provided with a 3-year limited warranty. All PATRIOT® tools feature the BURNDY® INFINITY DRIVE® transmission which has a lifetime warranty.

KEARNEY™ is a registered trademark of COOPER TECHNOLOGIES COMPANY.

PATRIOT® IN-LINE® VARIATIONS

- PATMD6-LI** Permanent "BG" (5/8") and "D3" grooves
- PATMD6-8-LI** Permanent "O" and "D3" grooves
- PATMD6-6-LI** Permanent "D3" groove "Snub-Nose" version
- PATMD6-K-LI** Accepts KEARNEY™ "O" type dies and BURNDY® "W" and "X" dies with KWADP adapter



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 life time 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
- Advanced design high speed pump completes a crimp in approximately 2 seconds
- Interchangeable scissor action crimp jaws allow easier access to tight spaces
- Large hand grip area allows operation with gloves
- High capacity 3.0 AH batteries provide more crimps per charge
- Allows use of standard BURNDY® "W" and "X" dies already in use (sold separately)
- Ergonomically balanced tool design eases operation and helps lessen fatigue
- 3-year limited warranty on tool
- Lifetime warranty on INFINITY DRIVE®
- 1-year warranty on batteries and charger
- Made in the USA

SPECIFICATIONS

- Output Force:** 6 tons (5.4 metric tons)
- Tool Weight:** 7.8 lbs with battery
- Length:** 20.91 in
- Height:** 5.48 in
- Width:** 3.69 in
- Operating Voltage:** 18 V-DC
- Recharge Time:** 30 minutes

FOR USE ON

- Copper, Aluminum, ACSR, Steel, Copperweld, Alumoweld, 6201, 5005, Compressed, and Compact conductors
- Copper Taps: #10 solid - 2/0 stranded
- Aluminum and ACSR Taps: #14 solid - 4/0 ACSR
- Stirrups: #6 - 4/0 ACSR
- Overhead Full Tension Deadends, Full Tension Splices and Terminals #10 Str. - 4/0 ACSR
- Installs splices, taps or terminations:
 - #8 - 500 kcmil Copper Str. (YA, YA-L, YS, YS-L)
 - #8 - 350 kcmil flex
 - #8 - 350 kcmil Aluminum (YA-A & YS-A)

ACCESSORIES

- Battery:** Cat # **BAT18VLI**
(3.0 AH) Hi-capacity Li-ion
- Chargers:** 120V-AC Cat# **PATCHGRLI**
12/24V-DC Cat# **PATCHGR-LIDC**
- Cutter Dies:** Cat # **W28K**
For cutting #4-4/0 Copper, Aluminum & ACSR
- Interchangeable Jaw Assemblies:**
 - "BG" and "D3" **PATJAWSMD6**
 - "O" and "D3" **PATJAWSMD6-8**
 - "D3" Only ("Snub-Nose") **PATJAWSMD6-6**
 - KEARNEY™ ("Snub-Nose") **PATJAWSMD6K**
- Jaw Covers:**
 - P** **PATMD6JC**
 - P** **ATMD66JC**
 - P** **ATMD6KJC**

