

# PAT46LWS-LI

## 15-Ton, Scoop Style C-Head Hydraulic Self-Contained, 18V Lithium-Ion

- 2" jaw opening
- Used with P dies; U dies with PUADP-1 adapter (sold separately)
- Scoop style C-head with 355° head rotation
- Overmolded, ergonomic handle
- Improved ergonomic balance
- Includes 2 batteries, charger, and polymer carrying case

### For Use On:

#### Copper - #8 AWG Str. - 1500 kcmil

Code Cable, Navy Cable, Flexible, Extra Flexible  
1/2" - 1" Ground Rods

#### Terminals, grounding:

to 500 kcmil; YGA, YGHA, YGF

#### Terminals, uninsulated:

#8 - 1500 kcmil; YA, YA-2N, YA-L, YA-LB, YA-TC,  
YA-2LN, YAB-4N, YAV-L, YAV-RS, YA-TC-FX

#### Terminals, insulated:

#8 - 2/0; YAEV-L, YAEV-H, YAEV-RS, YAEV-RH

#### Splices:

#8 - 1500 kcmil; YS, YS-T, YS-L, YS-LB, YST,  
YSP-T, YGS, YGHS

#### Taps:

#14 - 1000 kcmil; YH, YCHC  
to 4/0 AWG; YC-C

#### Taps, grounding:

to 500 kcmil; YGHC-C, YGHP-C, YGHR-C

#### Aluminum - #8 AWG - 1250 kcmil

Code Cables

#### Terminals: YA-A, AYP, AYPO

#### Splices: YS-A, YS-AT, YRB

#### Taps: YFD, YFN, YFO, YFR

**ACSR** - see Overhead Transmission & Distribution  
Sections of the BURNDY® Master Catalog



### Specifications:

<b>Output Force:</b>	15 Tons
<b>Tool Weight:</b>	19.1 lbs
<b>Size:</b>	18.00" x 14.00" x 3.00"
<b>Die Style:</b>	P and U style (with PUADP-1)
<b>Jaw Opening:</b>	2.00"
<b>Operating Voltage:</b>	18 V-DC Lithium-Ion
<b>Recharge Time:</b>	30 minutes
<b>Warranty:</b>	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 1 year on batteries and charger

### Accessories:

<b>P15K:</b>	Cutter Die, max. diameter 1.2"
<b>PUADP-1:</b>	U Die Adapter
<b>BAT18VLI:</b>	Hi-capacity Li-Ion (3.0 AH)
<b>PATCHGR-LI:</b>	120V-AC Charger
<b>PATCHGR-LIDC:</b>	12/24V-DC Charger

### Variations:

**PAT46CLWS-LI** PAT46LWS-LI with rubber covered head

Ni-MH platform is also available:

**PAT46LWS-18V** Ni-MH battery version

**PAT46CLWS-18V** PAT46LWS-18V (Ni-MH) with rubber covered head

# Tooling

## Crimpers — Battery Actuated



### PAT46LW-LI

#### 15-Ton, Lightweight Latch Head

Hydraulic Self-Contained, 18V Lithium-Ion

- 2" jaw opening
- Used with P dies; U dies with PUADP-1 adapter (sold separately)
- Latch-head, Light weight
- 355° head rotation
- Ergonomically balanced
- Includes 2 batteries, charger, and polymer carrying case

#### For Use On:

##### Copper - #8 AWG Str. - 1500 kcmil

Code Cable, Navy Cable, Flexible, Extra Flexible  
1/2" - 1" Ground Rods

##### Terminals, grounding:

to 500 kcmil; YGA, YGHA, YGF

##### Terminals, uninsulated:

#8 - 1500 kcmil; YA, YA-2N, YA-L, YA-LB, YA-TC,  
YA-2LN, YAB-4N, YAV-L, YAV-RS, YA-TC-FX

##### Terminals, insulated:

#8 - 2/0; YAEV-L, YAEV-H, YAEV-RS, YAEV-RH

##### Splices:

#8 - 1500 kcmil; YS, YS-T, YS-L, YS-LB, YST,  
YSP-T, YGS, YGHS

##### Taps:

#14 - 1000 kcmil; YH, YCHC  
to 4/0 AWG; YC-C

##### Taps, grounding:

to 500 kcmil; YGHC-C, YGHP-C, YGHR-C

##### Aluminum - #8 AWG - 1250 kcmil

Code Cables

**Terminals:** YA-A, AYP, AYPO

**Splices:** YS-A, YS-AT, YRB

**Taps:** YFD, YFN, YFO, YFR

**ACSR** - see Overhead Transmission & Distribution  
Sections of the BURNDY® Master Catalog



#### Specifications:

<b>Output Force:</b>	15 Tons
<b>Tool Weight:</b>	16.8 lbs
<b>Size:</b>	18.75" x 13.75" x 3.75"
<b>Die Style:</b>	P and U style (with PUADP-1)
<b>Jaw Opening:</b>	2.00"
<b>Operating Voltage:</b>	18 V-DC Lithium-Ion
<b>Recharge Time:</b>	30 minutes
<b>Warranty:</b>	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 1 year on batteries and charger

#### Accessories:

<b>P15K:</b>	Cutter Die, max. diameter 1.2"
<b>PUADP-1:</b>	U Die Adapter
<b>BAT18VLI:</b>	Hi-capacity Li-Ion (3.0 AH)
<b>PATCHGR-LI:</b>	120V-AC Charger
<b>PATCHGR-LIDC:</b>	12/24V-DC Charger
<b>PT208620:</b>	Lanyard

#### Variations:

Ni-MH platform is also available:  
**PAT46LW-18V** Ni-MH battery version

# PAT750-LI

## 12-Ton, C-Head

Hydraulic Self-Contained, 18V Lithium-Ion

- 1.65" jaw opening
- Used with U dies
- C-head with 355° head rotation
- Bearing/alignment guide for HYGROUND® as well as other asymmetrical connectors
- Includes 2 batteries, charger, and polymer carrying case

### For Use On:

#### Tension Sleeves

Copper	#8 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
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#### Terminals & Splices

Copper	#8 - 750 kcmil
Aluminum	#8 - 750 kcmil
ACSR	#4 - 556 kcmil

#### HYGROUND® (Compression Grounding)

Copper	#8 - 500 kcmil
Ground Rods	1/2" - 1" diameter



*Wide U-dies (sold separately) can be used with long barrel terminals and splices saving time and labor!*



### Specifications:

<b>Output Force:</b>	12 Tons
<b>Tool Weight:</b>	15.7 lbs
<b>Size:</b>	15.75" x 13.50" x 3.50"
<b>Die Style:</b>	U style
<b>Jaw Opening:</b>	1.65"
<b>Operating Voltage:</b>	18 V-DC Lithium-Ion
<b>Recharge Time:</b>	30 minutes
<b>Warranty:</b>	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 1 year on batteries and charger

### Accessories:

<b>BAT18VLI:</b>	Hi-capacity LI battery (3.0 AH)
<b>PATCHGR-LI:</b>	120V-AC Charger
<b>PATCHGR-LIDC:</b>	12/24V-DC Charger
<b>PT208620:</b>	Lanyard

### Variations:

<b>PAT750C-LI</b>	PAT750LI with rubber covered head
<b>PAT750K-LI</b>	PAT750LI with KEARNEY™ style head used with KEARNEY™ WH1 and WH2 and BURNDY U dies with KUADP adapter (sold separately)
Ni-MH platform is also available:	
<b>PAT750XT-18V</b>	Ni-MH battery version
<b>PAT750CXT-18V</b>	PAT750XT-18V (Ni-MH) with rubber covered head

# Tooling

## Crimpers — Battery Actuated



# PAT644-LI

## 11-Ton, Latch Head

Hydraulic Self-Contained, 18V Lithium-Ion

- Dieless system
- Range taking capabilities
- 355° head rotation
- Ergonomically balanced
- Includes 2 batteries, charger, and polymer carrying case

### For Use On:

Copper #6 -1000 kcmil

**Terminals:** YA-L, YA-2LN, YA, YA-2N, YA-L-2TC, YAB-4N, YA-L-TC, YA-2L, YA-4N

**Splices:** YS-L, YS, YS-T

Aluminum #6 - 750 kcmil

**Terminals:** YA-A, YA-A-TN

**Splices:** YS-A

**HYPLUG™:** AYP, AYPO

*See Expanded Range details in Reference Section*



**PAT644XT-18V**  
(Ni-MH version)  
in case



### Specifications:

<b>Output Force:</b>	11 Tons
<b>Tool Weight:</b>	16.3 lbs
<b>Size:</b>	15.62" x 14.12" x 3.25"
<b>Die Style:</b>	Dieless
<b>Operating Voltage:</b>	18 V-DC Lithium-Ion
<b>Recharge Time:</b>	30 minutes
<b>Warranty:</b>	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 1 year on batteries and charger

### Accessories:

<b>BAT18VLI:</b>	Hi-capacity LI battery (3.0 AH)
<b>PATCHGR-LI:</b>	120V-AC Charger
<b>PATCHGR-LIDC:</b>	12/24V-DC Charger
<b>PT208620:</b>	Lanyard

### Variations:

Ni-MH platform is also available:  
**PAT644XT-18V** Ni-MH battery version

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)



# PAT81KFT-LI

## 6-Ton, 4-POINT® Dieless Latch Head Hydraulic Self-Contained, 18V Lithium-Ion

- Dieless system
- Range taking capabilities
- 360° head rotation
- Mechanical ram release (no battery consumption)
- Includes 2 batteries, charger, and polymer carrying case

### For Use On:

Copper #8 -1000 kcmil

**Terminals:** YA, YA-L  
**Splices:** YS-L, YS, YS-T, Y-R

Copper Flex #8 - 777.7 kcmil Flex (750 Nominal)

**Terminals:** YA-FX, YAV, YA-L-FX  
**Splices:** YS, YSV-FXB

Aluminum #8 - 750 kcmil

**Terminals:** YA-A, YA-A-TN  
**Splices:** YS-A  
**HYPLUG™:** AYP, AYPO

*See Expanded Range details in Reference Section*



**PAT81KFT-18V**  
(Ni-MH version)  
in case



### Specifications:

<b>Output Force:</b>	6 Tons
<b>Tool Weight:</b>	13.2 lbs
<b>Size:</b>	15.62" x 14.12" x 3.25"
<b>Die Style:</b>	Dieless
<b>Operating Voltage:</b>	18 V-DC Lithium-Ion
<b>Recharge Time:</b>	30 minutes
<b>Warranty:</b>	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 1 year on batteries and charger

### Accessories:

<b>BAT18VLI:</b>	Hi-capacity LI battery (3.0 AH)
<b>PATCHGR-LI:</b>	120V-AC Charger
<b>PATCHGR-LIDC:</b>	12/24V-DC Charger
<b>PT208620:</b>	Lanyard

### Variations:

Ni-MH platform is also available:  
**PAT81KFT-18V** Ni-MH battery version

# Tooling

## Crimpers — Battery Actuated



### PAT4PC834-LI

#### 6-Ton, 4-POINT® Dieless, C-Head Hydraulic Self-Contained, 18V Lithium-Ion

- Dieless system
- Range taking capabilities
- 360° head rotation
- Ergonomically balanced
- Includes 2 batteries, charger, and polymer carrying case

#### For Use On:

Copper #8 -1000 kcmil

**Terminals:** YA, YA-L

**Splices:** YS-L, YS, YS-T, Y-R

Copper Flex #8 - 777.7 kcmil Flex (750 Nominal)

**Terminals:** YA-FX, YAV, YA-L-FX

**Splices:** YS, YSV-FXB

Aluminum #8 - 750 kcmil

**Terminals:** YA-A, YA-A-TN

**Splices:** YS-A

**HYPLUG™:** AYP, AYPO

*See Expanded Range details in Reference Section*



#### Specifications:

<b>Output Force:</b>	6 Tons
<b>Tool Weight:</b>	13.0 lbs
<b>Size:</b>	15.62" x 14.12" x 3.25"
<b>Die Style:</b>	Dieless
<b>Operating Voltage:</b>	18 V-DC Lithium-Ion
<b>Recharge Time:</b>	30 minutes
<b>Warranty:</b>	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 1 year on batteries and charger

#### Accessories:

<b>BAT18VLI:</b>	Hi-capacity LI battery (3.0 AH)
<b>PATCHGR-LI:</b>	120V-AC Charger
<b>PATCHGR-LIDC:</b>	12/24V-DC Charger
<b>PT208620:</b>	Lanyard

#### Variations:

Ni-MH platform is also available:  
**PAT4PC834-18V** Ni-MH battery version

## PAT600-LI

### 6-Ton, Latch Head

Hydraulic Self-Contained, 18V Lithium-Ion

- Permanent functional D3 groove (no die needed)
- Uses W, X, W-VT style dies
- 180° head rotation
- Enhanced clearance for tap connections
- Includes 2 batteries, charger, and polymer carrying case

#### For Use On:

Copper #8 - 600 kcmil

**Terminals:** YA, YA-L

**Splices:** YS-L, YS, YS-T, Y-R

Copper Flex #8 - 350 kcmil Flex

**Terminals:** YA-FX, YAV, YA-L-FX

**Splices:** YS, YSV-FXB

Aluminum #8 - 350 kcmil

**Terminals:** YA-A, YA-A-TN

**Splices:** YS-A

#### Variations:

**PAT600C-LI** PAT600-LI with rubber covered head

Ni-MH platform is also available:

**PAT600-18V** Ni-MH battery version

**PAT600C-18V** PAT600-18V (Ni-MH) with rubber covered head



#### Specifications:

<b>Output Force:</b>	6 Tons
<b>Tool Weight:</b>	10.1 lbs
<b>Size:</b>	14.50" x 13.75" x 3.50"
<b>Die Style:</b>	W, V, W-VT style dies
<b>Operating Voltage:</b>	18 V-DC Lithium-Ion
<b>Recharge Time:</b>	30 minutes
<b>Warranty:</b>	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 1 year on batteries and charger

#### Accessories:

**BAT18VLI:** Hi-capacity LI battery (3.0 AH)

**PATCHGR-LI:** 120V-AC Charger

**PATCHGR-LIDC:** 12/24V-DC Charger

**WDIETREE:** W die holder

**PT208620:** Lanyard

# Tooling

## Crimpers — Battery Actuated



### PAT500SJ-LI

#### 6-Ton, Scissor Action

Hydraulic Self-Contained, 18V Lithium-Ion

- Interchangeable scissor action crimping and cutting jaws
- 180° head rotation
- Uses W and X style dies
- Ergonomically balanced tool design
- Includes 2 batteries, charger, and polymer carrying case

#### For Use On:

Copper, Aluminum, ACSR, Steel, Copperweld, Alumoweld, 6201, 5005, Compressed, and Compact Conductors

#### Taps:

Copper: #10 sol. to 2/0 str.

Aluminum & ACSR: #14 sol. to 4/0 ACSR

#### Stirrups:

#6 to 4/0 ACSR

#### Overhead Full Tension Deadends, Full Tension Splices and Terminals:

#10 str. to 4/0 ACSR

#### Installs Splices, Taps or Terminations:

#8 to 500 kcmil Copper Stranded (YA, YA-L, YS, YS-L)

#8 to 350 kcmil Copper Flex

#8 to 350 kcmil Aluminum (YA-A, YS-A)

#### Variations:

<b>PAT500SJ6-LI</b>	BG and D3 grooves
<b>PAT500SJ68-LI</b>	O and D3 grooves
<b>PAT500SJ66-LI</b>	D3 groove only (snub-nose)
<b>PAT500SJ6K-LI</b>	KEARNEY™ groove (snub-nose) [Accepts KEARNEY™ dies; BURNDY W and X dies with KWADP adapter, sold separately]



#### Specifications:

<b>Output Force:</b>	6 Tons
<b>Tool Weight:</b>	11.5 lbs
<b>Size:</b>	17.00" X 14.25" X 3.00"
<b>Die Style:</b>	W and X (with crimping jaws)
<b>Operating Voltage:</b>	18 V-DC Lithium-Ion
<b>Recharge Time:</b>	30 minutes
<b>Warranty:</b>	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 1 year on batteries and charger

#### Accessories:

<b>BAT18VLI:</b>	Hi-capacity LI battery (3.0 AH)
<b>PATCHGR-LI:</b>	120V-AC Charger
<b>PATCHGR-LIDC:</b>	12/24V-DC Charger
<b>W28K:</b>	Cutter Dies (cuts 4-4/0 Cu, Al, ACSR)
<b>PATMD6JC:</b>	Jaw covers for PATMD6 and PATMD6-8 versions
<b>PATMD6-6JC:</b>	Jaw covers for PATMD6-6 snub-nose versions
<b>PATMD6-KJC:</b>	Jaw covers for PATMD6-K snub-nose versions
<b>PT10074020:</b>	Wrist strap
<b>WDIETREE:</b>	W-die holder for 6 die sets

#### Interchangeable Jaw Assemblies:

<b>PATJAWSMD6</b>	BG and D3 grooves
<b>PATJAWSMD6-8</b>	O and D3 grooves
<b>PATJAWSMD6-6</b>	D3 groove only (snub-nose)
<b>PATJAWSMD6K</b>	KEARNEY™ groove (snub-nose)
<b>PATJAWSCUT</b>	Cutter jaw set

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)



# PATMD6-LI

## 6-Ton, IN-LINE®, Scissor Action

Hydraulic Self-Contained, 18V Lithium-Ion

- Interchangeable scissor action crimping and cutting jaws
- 350° head rotation
- Uses W and X style dies
- Ergonomically balanced tool design
- Includes 2 batteries, charger, and polymer carrying case

### For Use On:

Copper, Aluminum, ACSR, Steel, Copperweld, Alumoweld, 6201, 5005, Compressed, and Compact Conductors

### Taps:

Copper: #10 sol. to 2/0 str.

Aluminum & ACSR: #14 sol. to 4/0 ACSR

### Stirrups:

#6 to 4/0 ACSR

### Overhead Full Tension Deadends, Full Tension Splices and Terminals:

#10 str. to 4/0 ACSR

### Installs Splices, Taps or Terminations:

#8 to 500 kcmil Copper Stranded (YA, YA-L, YS, YS-L)

#8 to 350 kcmil Copper Flex

#8 to 350 kcmil Aluminum (YA-A, YS-A)

### Variations:

<b>PATMD6-LI:</b>	BG and D3 grooves
<b>PATMD6-8-LI:</b>	O and D3 grooves
<b>PATMD6-6-LI:</b>	D3 groove only (snub-nose)
<b>PATMD6-K-LI:</b>	KEARNEY™ groove (snub-nose) [Accepts KEARNEY™ dies; BURNDY W and X dies with KWADP adapter, sold separately]

Ni-MH platform is also available:

<b>PATMD6-14V:</b>	BG and D3 grooves
<b>PATMD6-8-14V:</b>	O and D3 grooves
<b>PATMD6-6-14V:</b>	D3 groove only (snub-nose)
<b>PATMD6-K-14V:</b>	KEARNEY™ groove (snub-nose)

**Crimp/Cut Kits are also available supplied with both crimping and cutting jaws**



### Specifications:

<b>Output Force:</b>	6 Tons
<b>Tool Weight:</b>	7.8 lbs
<b>Size:</b>	21.00" x 5.50" x 3.75"
<b>Die Style:</b>	W and X (with crimping jaws)
<b>Operating Voltage:</b>	18 V-DC Lithium-Ion
<b>Recharge Time:</b>	30 minutes
<b>Warranty:</b>	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 1 year on batteries and charger

### Accessories:

<b>BAT18VLI:</b>	Hi-capacity LI battery (3.0 AH)
<b>PATCHGR-LI:</b>	120V-AC Charger
<b>PATCHGR-LIDC:</b>	12/24V-DC Charger
<b>W28K:</b>	Cutter Dies (cuts 4-4/0 Cu, Al, ACSR)
<b>PATMD6JC:</b>	Jaw covers for PATMD6 and PATMD6-8 versions
<b>PATMD6-6JC:</b>	Jaw covers for PATMD6-6 snub-nose versions
<b>PATMD6-KJC:</b>	Jaw covers for PATMD6-K snub-nose versions
<b>TOOLBAGMDLI:</b>	Tool bag
<b>PT10074020:</b>	Wrist strap
<b>WDIETREE:</b>	W-die holder for 6 die sets

### Interchangeable Jaw Assemblies:

<b>PATJAWSMD6</b>	BG and D3 grooves
<b>PATJAWSMD6-8</b>	O and D3 grooves
<b>PATJAWSMD6-6</b>	D3 groove only (snub-nose)
<b>PATJAWSMD6K</b>	KEARNEY™ groove (snub-nose)
<b>PATJAWSCUT</b>	Cutter jaw set

**US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / www.burndy.com**

# Tooling

## Crimpers — Battery Actuated



### PATMD6LIWCJ

#### 6-Ton, IN-LINE<sup>®</sup>, Scissor Action Hydraulic Self-Contained, 18V Lithium-Ion

- Interchangeable scissor action crimping and cutting jaws included
- 350° head rotation
- Actuated blade guide (with cutting jaws)
- Kit includes tool, crimping jaw, cutting jaw, 2 batteries, charger, and soft carrying case

#### For Use On:

#### Crimping:

Copper, Aluminum, ACSR, Steel, Copperweld, Alumoweld, 6201, 5005, Compressed, and Compact Conductors

#### Taps:

Copper: #10 sol. to 2/0 str.

Aluminum & ACSR: #14 sol. to 4/0 ACSR

#### Stirrups:

#6 to 4/0 ACSR

#### Overhead Full Tension Deadends, Full Tension Splices and Terminals:

#10 str. to 4/0 ACSR

#### Installs Splices, Taps or Terminations:

#8 to 500 kcmil Copper Stranded (YA, YA-L, YS, YS-L)

#8 to 350 kcmil Copper Flex

#8 to 350 kcmil Aluminum (YA-A, YS-A)

#### Cutting Capacity (Maximum):

#### ACSR:

556 kcmil (26/7 Dove)

#### AAC:

636 kcmil

#### Copper:

500 kcmil soft drawn copper

#### Guy Wire:

3/8" Utility and High Strength

(Not for use on Extra High Strength Conductor)



#### Specifications:

Output Force:	6 Tons
Tool Weight:	7.8 lbs
Size:	21.00" x 5.50" x 3.75"
Die Style:	W and X (with crimping jaws)
Operating Voltage:	18 V-DC Lithium-Ion
Recharge Time:	30 minutes
Warranty:	5 year limited warranty Lifetime warranty on INFINITY DRIVE <sup>®</sup> 1 year on batteries and charger

#### Variations:

PATMD6LIWCJ	BG & D3 Grooves, soft case
PATMD68LIWCJ	O & D3 Grooves, soft case
PATMD66LIWCJ	D3 Groove only (Snub-nose), soft case
PATMD6KLIWCJ	KEARNEY <sup>™</sup> (Snub-nose), hard case

#### Accessories:

BAT18VLI:	Hi-capacity LI battery (3.0 AH)
PATCHGR-LI:	120V-AC Charger
PATCHGR-LIDC:	12/24V-DC Charger
PATMD6JC:	Jaw covers for PATMD6 and PATMD6-8 versions
PATMD6-6JC:	Jaw covers for PATMD6-6 snub-nose versions
PATMD6-KJC:	Jaw covers for PATMD6-K snub-nose versions
W28K:	Cutter Dies (cuts 4-4/0 Cu, Al, ACSR)
WDIETREE:	W die holder for 6 sets (sold separately)
TOOLBAGMDLI:	Replacement Tool Bag
PT10074020:	Wrist Strap

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

# PATMDLICUTKIT1

## 6-Ton, IN-LINE®, Scissor Action

Hydraulic Self-Contained, 18V Lithium-Ion

- Interchangeable scissor action crimping and cutting jaws included
- 350° head rotation
- Actuated blade guide (with cutting jaws)
- Kit includes tool, crimping jaw, cutting jaw, 2 batteries, charger, and hard plastic carrying case

### For Use On:

#### Crimping:

Copper, Aluminum, ACSR, Steel, Copperweld, Alumoweld, 6201, 5005, Compressed, and Compact Conductors

#### Taps:

Copper: #10 sol. to 2/0 str.

Aluminum & ACSR: #14 sol. to 4/0 ACSR

#### Stirrups:

#6 to 4/0 ACSR

#### Overhead Full Tension Deadends, Full Tension Splices and Terminals:

#10 str. to 4/0 ACSR

#### Installs Splices, Taps or Terminations:

#8 to 500 kcmil Copper Stranded (YA, YA-L, YS, YS-L)

#8 to 350 kcmil Copper Flex

#8 to 350 kcmil Aluminum (YA-A, YS-A)

### Cutting Capacity (Maximum):

#### ACSR:

556 kcmil (26/7 Dove)

#### AAC:

636 kcmil

#### Copper:

500 kcmil soft drawn copper

#### Guy Wire:

3/8" Utility and High Strength

(Not for use on Extra High Strength Conductor)



### Specifications:

<b>Output Force:</b>	6 Tons
<b>Tool Weight:</b>	7.8 lbs
<b>Size:</b>	21.00" x 5.50" x 3.75"
<b>Die Style:</b>	W and X (with crimping jaws)
<b>Operating Voltage:</b>	18 V-DC Lithium-Ion
<b>Recharge Time:</b>	30 minutes
<b>Warranty:</b>	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 1 year on batteries and charger

### Variations:

<b>PATMD6LICUTKIT1</b>	BG & D3 Grooves, hard case
<b>PATMD68LICUTKIT1</b>	O & D3 Grooves, hard case
<b>PATMD66LICUTKIT1</b>	D3 Groove only (Snub-nose), hard case
<b>PATMD6KLICUTKIT1</b>	KEARNEY™ (Snub-nose), hard case

### Accessories:

<b>BAT18VLI:</b>	Hi-capacity LI battery (3.0 AH)
<b>PATCHGR-LI:</b>	120V-AC Charger
<b>PATCHGR-LIDC:</b>	12/24V-DC Charger
<b>PATMD6JC:</b>	Jaw covers for PATMD6 and PATMD6-8 versions
<b>PATMD6-6JC:</b>	Jaw covers for PATMD6-6 snub-nose versions
<b>PATMD6-KJC:</b>	Jaw covers for PATMD6-K snub-nose versions
<b>W28K:</b>	Cutter Dies (cuts 4-4/0 Cu, Al, ACSR)
<b>WDIETREE:</b>	W die holder for 6 sets (sold separately)
<b>PT50025151:</b>	Replacement Hard Carrying Case
<b>PT10074020:</b>	Wrist Strap

# Tooling

## Crimpers — Battery Actuated



### PATMD1022-LI

#### Battery Tool to crimp #22-#10 AWG Uninsulated (bare), Vinyl, and Nylon Insulated Connectors

- Includes two die sets to accommodate nylon, vinyl and uninsulated terminals and splices from #22 - #10 AWG
- Easy groove identification with color coded dies
- Includes 2 batteries, charger, and polymer carrying case

#### For Use On:

##### Using BECBSD Die Set:

###### #22 - #10 AWG Uninsulated (Bare) Terminals/Splices

Types: T, YAD, T-F, YAD-F, YAV, YAV-H, YAV-R, YAV-T-F, YAV-H-F, YAV-Z, YSV, YSV-H

##### Using BECNVSD Die Set:

###### #22 - #10 AWG Nylon & Vinyl Insulated Terminal/Splices

Types: TP, BA, TP-F, BA-EF, TP-Z, BA-EZ, TP-LF, BA-EL, SP, BS, TN, YAES, TN-F, YAES-F, SNM\*, YSES\*, YAE-N, YAE-N-F, YAE-Z, YSE-HN, YSE-H, YAEV

\*Excludes #10 size



#### Specifications:

Output Force:	3.2 Tons
Tool Weight:	5.1 lbs
Size:	15.25" x 5.00" x 3.00"
Die Style:	SD Industry-Standard Die Envelope
Operating Voltage:	18 V-DC Lithium-Ion
Recharge Time:	15 minutes
Warranty:	2 year limited warranty Lifetime warranty on INFINITY DRIVE® 1 year on batteries and charger

#### Accessories:

PG-403-2R	Die Inspection Gauge for #22 - #14 AWG
PG-403-1R	Die Inspection Gauge for #12 - #10 AWG
PG-406-1:	Die Inspection Gauge for #22 - #18 AWG (Red)
PG-407-1:	Die Inspection Gauge for #16 - #14 AWG (Blue)
PG-408-1:	Die Inspection Gauge for #12 - #10 AWG (Yellow)
BAT18VLI:	18 Volt Lithium Battery Hi-Capacity 3.0 Ah
PATCHGR-LI:	120 V-AC Charger
PATCHGR-LIDC:	12/24 V-AC Charger



Close up  
PATMD1022-LI  
Die Set

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)