

# PAT500SJ-LI Series

## 6-Ton Battery Operated Crimper/Cutter



Shown:

### PAT500SJ68-LI

(comes with PATJAWSMD6-8  
“O” and “D3” Grooves installed)

### Interchangeable Jaw Assemblies

- One Tool Crimps & Cuts!
- Ergonomic Pistol-Grip Design
- 14 Variations; Interchangeable Jaw Assemblies
- Accepts all BURNDY “W” and “X” style die sets
- Audible “pop off” indicates proper crimp completion
- 5 Year limited warranty on tool; 1 Year on batteries and charger; Lifetime warranty on INFINITY DRIVE®



PATJAWSCUT



PATJAWSMD6  
 (“BG” and “D3”)



PATJAWSMD6-8  
 (“O” and “D3”)



PATJAWSMD6-6  
 (“D3” only)

Customer Service 1-800-346-4175 | Tool Service Center 1-800-426-8720 | Technical Services 1-800-451-4956 | [www.burndy.com](http://www.burndy.com)



Connecting Power to Your World®



# Tooling

Crimpers / Cutters (Interchangeable Jaw Assemblies) — Battery Actuated



## PAT500SJ-LI Series

### Crimping Capacity:

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)

### Maximum Cutting Capacity:

#### ACSR:

556 kcmil (26/7 Dove)

#### AAC

636 kcmil

#### Copper:

500 kcmil soft drawn copper



### 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

Catalog Number	Jaws Included with Tool (unless noted)	Charger Type
PAT500SJ6-LI	Permanent "D3" and "BG" Grooves Crimping Jaws	120 V-AC
PAT500SJ68-LI	Permanent "D3" and "O" Grooves Crimping Jaws	120 V-AC
PAT500SJ66-LI	Permanent "D3" Groove Only Crimping Jaws	120 V-AC
PAT500SJ6-LIDC	Permanent "D3" and "BG" Grooves Crimping Jaws (DC Charger)	12 V-DC
PAT500SJ68-LIDC	Permanent "D3" and "O" Grooves Crimping Jaws (DC Charger)	12 V-DC
PAT500SJ66-LIDC	Permanent "D3" Groove Only Crimping Jaws (DC Charger)	12 V-DC
PAT500SJ6-LI-LCB	Permanent "D3" and "BG" Grooves Crimping Jaws (No Batteries or Charger)	N/A
PAT500SJ68-LI-LCB	Permanent "D3" and "O" Grooves Crimping Jaws (No Batteries or Charger)	N/A
PAT500SJ66-LI-LCB	Permanent "D3" Groove Only Crimping Jaws (No Batteries or Charger)	N/A
PAT500JYCUT-LI	Cutting Jaws	120 V-AC
PAT500JYCUT-LIDC	Cutting Jaws (DC Charger)	12 V-DC
PAT500JYCUT-LI-LCB	Cutting Jaws (No Batteries or Charger)	N/A
PAT500SJ6LICUTKIT1	Both Permanent "D3" and "BG" Grooves and Cutting Jaws	120 V-AC
PAT500SJ68LICUTKIT1	Both Permanent "D3" and "O" Grooves and Cutting Jaws	120 V-AC
PATJAWSMD6	"D3" and "BG" Permanent Grooves (JAWS ONLY; no tool included)	N/A
PATJAWSMD6-8	"D3" and "O" Permanent Grooves (JAWS ONLY; no tool included)	N/A
PATJAWSMD6-6	"D3" Permanent Groove (JAWS ONLY; no tool included)	N/A
PATJAWSCUT	Cutter Jaws (JAWS ONLY; no tool included)	N/A