

4-POINT® PATRIOT®
PAT81KFT-18V

BATTERY ACTUATED TOOL

Hydraulic Self-Contained
 Crimping Tool

#8-1000 kcmil Copper HYLUG™ Terminals
 and HYLINK™ Splices

#8-750 kcmil Aluminum HYLUG™ Terminals
 and HYLINK™ Splices

The BURNDY® PAT81KFT-18V is a battery powered crimping tool that provides a powerful 6 tons of crimping force. It is compact, fast, easy to use and incorporates the latest in battery tool technology. The ergonomic design allows for one hand operation so that the other is free to position the connectors and conductor prior to crimping. The PAT81KFT-18V features a dieless latch head design which eliminates the need to purchase and maintain dies. Featuring 360° head rotation, the PAT81KFT-18V is designed for easy operation in virtually any position.

The PAT81KFT-18V is supplied with a high impact carrying case, battery charger, lanyard and two batteries. The PAT81KFT-18V comes complete with a 5-year limited warranty on the tool and 1-year limited warranty on the batteries.

PAT81KFT-18V Dieless HYPRESS™ Range Taking Capabilities: The PAT81KFT-18V provides range taking capabilities that is UL and CSA Listed for Copper (Code, Compact and Flex) and Aluminum (Code and Compact) conductors when used in conjunction with BURNDY® HYLUG™ terminals and HYLINK™ splices. See chart for connector, conductor and range taking combinations.



SPECIFICATIONS

Output Force:	6 tons (5.4 metric tons)
Tool Weight:	14 lbs (6.35 kg)
Length:	17.6" (447 mm)
Height:	13.9" (354 mm)
Width:	3.7" (94 mm)
Operating Voltage:	18 V-DC
Recharge Time:	<45 minutes

Features and Benefits

- Dieless installation system
- Audible pressure "pop-off" valve and die embossment providing 360° inspectability
- Battery powered crimp technology
- Advanced high speed pump design
- 360 Degree head rotation
- Versatile tool head positioning lets the user get into tight areas easier
- Ram holds position when trigger is released
- Mechanical ram release
- Audible pressure "pop-off" value

FOR USE ON

Copper, Aluminum, Compressed, Compact, Stranded, Solid and Flex Conductors

Installs Splices, Taps and Terminations:

#8 - 1000 kcmil Copper
 (YA, YA-L, YS, YS-L, YS-T, Y-R)

#8 - 777.7 (750 Nominal Flex Wire Size)
 kcmil Flex (YA-FX, YAV, YA-L-FX, YS, YSV-FXB)

#8 - 750 kcmil Aluminum (YA-A, YS-A)

#8 - 750 kcmil Aluminum Pin Adapters (AYP, AYPO)

ACCESSORIES

Battery: Cat# **BAT18V**
 (2.6 AH) Hi-capacity Ni-MH

Chargers:
 120V-AC Cat# **PATCHGR18V**
 12/24V-DC Cat# **BCT/PATDCCHGR**
 240/250V-AC Cat# **PATCHGR250V**

Lanyard: Cat# **PT208620**

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