

Color-Keyed®

Battpac® Battery Powered Compression and Cutting Tools

Battpac® Battery Powered Tools

Designed for years of use, T&B quality Battpac® tools are time-tested, rugged, and dependable compression tools. Battpac® products are all essential component and commercial, and industrial connector and grounding installations.

- Hermetically Sealed Unit (Motor not exposed to environment/elements).
- Special 14.4V Izumi Battery (fits all tools).
- Broadest Family of Battery Tools.
- Robust Tool Design.
- Insulated Crimp Heads.
- 15-20 Minute Battery Recharge.
- 5 Year Warranty (Includes Battery)



Standard Battpac® Kit Includes:

- 1 battery powered tool
- 1 carrying strap
- 1 carrying case
- 2 CRCTBP batteries
- 1 CRCTQC 15 minute AC charger

6-Ton Battery Powered Compression Tool

The TBM6BSCR is designed to crimp commonly used lugs, splices, service entrance connectors, H and C-taps. It can be easily carried and used in limited access areas because of its swivel head and compact design. The unique open yoke is also advantageous for C-tap, H-tap and splicing applications. Its six-ton output is equal to any comparable hand-held, hydraulic compression tool and far exceeds any mechanical crimper.

A built-in factory pre-set 10,000 psi by-pass cartridge assures a complete compression every time. Always consult Thomas & Betts for proper die/connector combinations or read the information on the connector package. Accepts std. T&B six-ton dies and Blackburn® OD58 series dies. Will not do splices over 350 MCM.

Cat. No.	Description
TBM6BSCR	6-Ton Battery Powered Compression Tool.

Specifications:

Output 6 ton
 Weight 8 lbs. w/battery
 Size 13" x 12" x 3"

Connector range:

Lugs & splices #8-600 kcmil CU
 #10-400 kcmil AL
 H - taps 4/0
 C - taps 54705 through 54750

NOTE: When ordering the "Smart®" battery add suffix "- SM" (Example: TBM6BSCR - SM).

TBM6MG - Jaw Pressure Verification Gauge.



Standard Battpac® Kit Includes:

- 1 battery powered tool
- 1 carrying strap
- 1 carrying case
- 2 CRCTBP batteries
- 1 CH-3TR 15 minute AC charger

14-Ton Battery Powered Compression Tool

The TBM14BSCR is a self-contained battery operated 14-ton compression tool. The large jaw opening is 1.65" which accepts mid-span copper and aluminum splices and cables up to 750 kcmil. When the splices are compressed they can be removed through the large jaw. This tool accepts T&B and Blackburn shell type dies.

A built-in, pre-set 10,000 psi bypass cartridge will audibly kick out when the 14-ton pressure is achieved.

Portability and handling is easy because the TBM14BSCR system is self contained and compact. There is no tool set-up time or extra power source needed. Makes splicing a breeze. And with one finger trigger operation fatigue and muscle related strains are nearly eliminated. Safer work habits result from using these tools.

Cat. No.	Description
TBM14BSCR	14-Ton Battery Powered Compression Tool

Specifications:

Output 14 ton
 Weight 20 lbs. w/battery
 Size 19" L x 3.5"W x 10.5"H
 Jaw opening 1.65"

Connector range:

Lugs & splices 900 kcmil CU, 750 kcmil AL

NOTE: When ordering the "Smart®" battery add suffix "- SM" (Example: TBM6BSCR - SM)

TBM14MG - Jaw Pressure Verification Gauge.

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Standard Battpac® Kit Includes:

- 1 battery powered tool
- 1 carrying strap
- 1 carrying case
- 2 CRCTBP batteries
- 1 CH-3TR 15 minute AC charger

15-Ton Battery Powered Compression Tool

You've got the power with this self contained 15-ton tool. This exclusive state of the art tool features superior hydraulics with an internally sealed oil circuit, eliminating any need for refilling. Its high grade forged steel head includes a rotation of 180 degrees, a rapid two stage advance compression system, and accepts cables up to 1000 kcmil copper and aluminum.

The TBM15BSCR's entire circuitry is solid state, and the pumping circuit is designed with high and low stages.

The high capacity battery offers 60% more compression cycles than regular batteries and can be recharged in 25 minutes or less. The TBM15BSCR will accept all T&B dies.

Cat. No.	Description
TBM15BSCR	15-Ton Battery Powered Compression Tool.

Specifications:

Output 15 ton
 Weight 23.75 lbs. w/battery
 Size 21" L x 3.5"W x 11"H
 Warranty 2 years Tool & Battery

Connector range:

Up to 1500 kcmil CU, 1000 AL

NOTE: When ordering the "Smart®" battery add suffix "- SM" (Example: TBM58BSC - SM).

TBM15MG – Jaw Pressure Verification Gauge.



12-Ton Dieless Battery Powered Compression Tool

This is a self-contained 12-ton compression tool that features a unique dieless compression system. Using commonly found 14.4V battery, the TBM8-750BSCR puts portability and convenience of a dieless compression tool in a lightweight, economical package. 8 AWG – 750 kcmil range.

12-Ton Dieless Compression Tool

Cat. No.	Description
TBM8-750BSCR	Battpac® LT 12-Ton Compression Tool. Includes carrying case, charger, two-batteries, carry strap (no dies).

Specifications:

Application Range: 8 AWG – 750 kcmil Copper Connectors, 750 kcmil Aluminum
 Crimping Force: 12-Ton Compression Tool
 Rated Operating Pressure: 10,000 PSI
 Batteries: 14.4V Batteries
 Construction: Open Forged Steel Head
 Dies: Die-less Crimp
 Verification: Positive Verification
 Weight: 9 Lbs. with Battery
 U.L. Listed

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TBM54BSCT & TBM54BSCTS

SPECIFICATIONS

CUTTING TOOLS:

	TBM54BSCTS	TBM54BSCT
Drive Unit:	14.4V DC Motor	14.4V DC Motor
Dimensions:	16" L x 4: W x 4.5" H	16" L x 4: W x 4.5" H
Weight:	7.2 lbs. with battery	7.2 lbs. with battery
Capacities:	750 kcmil CU 2½" O.D. AL ACSR - 636 kcmil	1500 kcmil CU 2½" O.D. AL ACSR - DO NOT CUT

BATTERY CARTRIDGE: (CRCTBP)

Battery Type:	Sealed Nickel Cadmium
Voltage:	14.4V DC
Rated Current:	1.9Ah
Dimensions:	3.5" L x 2.7" W x 5.3" H
Weight:	1.6 lbs

BATTERY CHARGER: (CRCTQC)

Input Voltage:	120V AC Single Phase
Charging Capacity:	20 VA
Charging Time:	15 min. CRCTBP & CRCTBPI 45 min. CRCTBPEI
Dimensions:	7.5" L x 3.7" W x 3.5" H
Weight:	4 lbs

OPTIONAL ACCESSORIES:

Battery Pack:	CRCTBPEI
Battery Cartridge:	CRCTBPI or CRCTBP
DC Charger:	CRCTDC

FEATURES

- Fully automatic, self-contained power tool.
- Removable battery cartridge - simply change the cartridge for continuous use.
- One handed operation - control blade advancement and retraction with one hand.

GUIDE TO CUTTING CYCLES

This guide indicates the number of cutting cycles that the TBM54BSCT and TBM54BSCTS can be expected to perform when the battery is fully charged. These figures are approximate and will vary according to the charging and other operating conditions, such as temperature, humidity, and battery condition.

TOOL	CONDUCTOR	CRCTBPI & CRCTBP	CRCTPBEI
TBM54BSCTS	750 kcmil CU	35	105
	636 ACSR	50	150
TBM54BSCT	1000 kcmil CU	45	135
	1500 kcmil 2½" Aluminum	30	90

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Standard Battpac® Kit Includes:
 1 battery powered tool
 1 carrying strap
 1 carrying case
 2 CRCTBP batteries
 1 CRCTQC 15 minute AC charger

Battpac® Powered Cutter

The TBM58BSCT is designed to cut ACSR AL & CU cables up to 1.50", regular guy wires and ground rods up to 5/8". We also offer our smaller TBM40BSCT tool.

Our Battpac® cut is ideal for aerial bucket work and trench operations.

This cutter is made for one-handed operation. Simply remove the pin latch, place over cable, reinsert pin and cut. A built-in by-pass will pop off if the material is beyond the cutters capacity. It is not recommended to cut hardened steel because blades will become damaged.

Cat. No.	Description
TBM58BSCT	Battery Powered Cutter
TBM40BSCT	Battery Powered Cutter, smaller version.

Specifications for TBM58BSCT	Cutting capacities:	TBM58BSCT	TBM40BSCT
Output	Soft steel bolts	1¼" (17mm)	5/8" (16mm)
Weight	Rebar & ground rod	5/8" (16mm)	1/2" (13mm)
Size	ACSR	1½" (40mm)	3/4" (20mm)
	CU & AL strands	1½" (40mm)	3/4" (20mm)
	Standard guy wire	5/8" (16mm)	1/2" (14mm)
	Wire rope	3/4" (20mm)	3/4" (20mm)
	EHS guy wire		Do not cut

NOTE: When ordering the "Smart®" battery add suffix "- SM" (Example: TBM58BSCT - SM).

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Standard and “Smart” Replacement Battery

The CRCTBP is a standard replacement battery. The battery's life expectancy is approximately 600 recharges. Cycles per charge for both batteries will vary depending on the type and size of the material being cut or compressed.

The CRCTBPI “Smart® battery” is the same as the standard CRCTBP with the addition of an L.E.D. display that will indicate its power capabilities for you. The 14.4 volt battery is interchangeable with all T&B Battpac® products. It is self evaluating which allows the user to monitor the status of the battery's life and power between charges.

The battery's capacity is shown with an L.E.D. indicator of five red lights on its side. Different light patterns will give the user specific battery information. For instance, when the bottom red light begins to flash, it is a warning that only 10% of the battery power remains and it must be recharged soon. You'll know that the battery is fully charged if you push the “check” button and all five lights turn on.

RECYCLING: T&B will gladly accept any used Ni-Cd batteries for recycling. Please call for more details.

Cat. No.	Description
CRCTBP	Standard Replacement Battery
CRCTBPI	Smart Replacement Battery
CRCTBPEI	Deep Cycle, Extended Life Battery Pack

Standard Replacement Battery 1 Hour Battery Charger

It is a one hour standard battery charger for CRCTBP and CRCTBPI Battpac® batteries. For CRCTBPEI, charge time is three hours.

Cat. No.	Description
CRCTCH	1 Hour Battery Charger

Standard 15 Minute Quick Charge

The newest addition to the Battpac® charger family is the model CRCTQC. It is a 15 minute quick charge device that is designed to charge the CRCTBP and CRCTBPI cartridges. It will also charge the CRCTBPEI in 45 minutes.

Cat. No.	Description
CRCTQC	Standard 15 Minute Quick Charge

12 Volt DC Charger

The CRCTDC is a 12 volt DC charger with charge times of one hour for the CRCTBP and CRCTBPI and three hours for the CRCTBPEI. It can be plugged directly into an automotive cigarette lighter and has a built in overload fuse protector.

Cat. No.	Description
CRCTDC	12-Volt DC Charger
CRCTAD	AC Adapter for Charger CRCTDC

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Battpac® LT Powered Compression Tool

Battpac® LT tools put the power in your hand, when and where you need it most. You're also left with a free hand to control the operation and position the connector with greater ease. Best of all, Battpac® LT tools are affordably priced to make it comfortable on your wallet as well.



T&B's Battpac® LT tools include these prominent features:

- Distinctive Ergonomic Design.
 - Reduced Weight.
 - Lower Cost.
 - Un-insulated Crimp Heads.
 - 1 Hour Battery Recharge.
 - 1 Year Warranty (Includes Battery).
- Ventilated, Air Cooled.
 - Industry Standard Mikita 14.4V Battery (available at retail stores) (fits all tools except LT pumpac which is 24V Mikita).

Battpac® LT 6-Ton Ordering Information

Cat. No.	Description
TBM62BSCR	Battpac® LT Tool Kit. Includes tool, two batteries, charger, shoulder strap, wrist strap, carrying case (no dies).
TBM6240BSCR	Complete Battpac® LT Tool Kit with dies TBM6221 through TBM6254.
TBM62500BSCR	Complete Battpac® LT Tool Kit with dies TBM6221 through TBM6287.

Specifications:

Application Range: Suitable for installing electrical compression connectors for conductors up to 500 kcmil CU, 350 AL.

Crimping Force: 6 tons

Rated Operating Pressure: 8,700 PSI

Dimensions:

- Length: 11 1/16"
- Width: 3 3/4"
- Height: 11 7/8"
- Weight (with battery): 8 lbs.
- Motor: 14.4 V
- Battery (DC): 14.4V – 2.0 Ah
- Safety: Unit is provided with maximum pressure relief valve.



Battpac® LT 14-Ton Ordering Information

Cat. No.	Description
BPLT14BSCR	Battpac® LT 14-Ton Compression Tool. Includes carrying case, charger, two-batteries, carry strap.

Specifications:

Application Range: 8 AWG – 900 kcmil Copper Connectors, 750 kcmil Aluminum

Crimping Force: 14-Ton Compression Tool

Rated Operating Pressure: 10,000 PSI

Batteries: 14.4V Batteries

Construction: Open Forged Steel Head

Dies: Dies are interchangeable with TBM14M Mechanical Hydraulic Tool

Weight: 15.4 Lbs. with Battery

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Battpac® LT 8-Ton Ordering Information

Cat. No.	Description
BPLT58BSCT	Battpac® LT 8-Ton Cutting Tool. Includes carrying case, charger, two-batteries, carry strap (no dies).

Specifications:

Crimping Force:	8-Ton Cutting Tool
Batteries:	14.4V Batteries
Construction:	Forged Steel Head and Cutter Blades 2 Forward Speeds Cuts Copper, Aluminum, Steel, Rebar, ACSR, Wire Rope
Weight:	17.2 Lbs. with Battery
Construction:	
Max. Dia. Cut:	1.5 in.

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Battpac® LT 6-Ton Ordering Information

Cat. No.	Description
BPLT40BSCT	Battpac® LT 6-Ton Cutting Tool. Includes carrying case, charger, two-batteries, carry strap (no dies).

Specifications:

Crimping Force:	6-Ton Cutting Tool
Batteries:	14.4V Batteries
Construction:	Forged Steel Head and Cutter Blades Cuts Copper, Aluminum, Steel, Rebar, ACSR, Wire Rope
Weight:	9.5Lbs. with Battery
Construction:	
Max. Dia. Cut:	.75 in.

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Battpac® LT Fast Cycle Cutting Tool Ordering Information

Cat. No.	Description
BPLT54BSCT	Battpac® LT Fast Cycle Cutting Tool. Includes carrying case, charger, two-batteries, carry strap (no dies).

Specifications:

Crimping Force:	Fast Cycle Cutting Tool
Batteries:	6.0V Batteries
Construction:	Cuts Copper, Aluminum only 4.8 Lbs.
Weight:	only 4.8 Lbs.
Max. Dia. Cut:	2½ in.; 750 kcmil Copper

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Battpac® LT 35-Ton Hydraulic Steel Punch Ordering Information

Cat. No.	Description
TBMHP-1	Battpac® LT 35-Ton Hydraulic Steel Punch. Includes case.

Specifications:

Crimping Force:	35-Ton Hydraulic Steel Punch
Dies:	Complete with 5 dies.
Batteries:	6.0V Batteries
Construction:	Oval, Round, Square and Slotted Dies
Capacity:	½ inch thick mild steel.
Rated Operating Pressure:	10,000 PSI Operating from pump source
Weight:	only 4.8 Lbs.