

# UDBP Series

The next generation of the cordless pulse tool!  
Combines industry-leading pulse technology with Lithium-Ion battery power.



NEW

## FEATURES AND BENEFITS

- Uryu Direct Battery Pulse (UDBP) – This new design connects the pulse unit directly to the motor – no reduction gearing – resulting in a tool with less noise and vibration.
- The new brushless Internal Permanent Magnet (IPM) motor provides longer motor life and increased efficiency allowing more fastening cycles per battery charge.
- UDBP features patented Auto Relief Technology providing additional control to the application of torque during the pulsing events.
- On-board LEDs for application illumination.
- Lithium-Ion battery provides more power and ends the “battery-memory” issues of NiCd batteries.
- Tool/battery combination is 27% lighter than earlier UBP tools.
- RF Types transmit “good” signal to receiver (sold separately) over 426Mhz .
- “Good” signal can be used for Poka-Yoke or Bolt Counting.



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# UDBP Series



**Battery: UB111Li, UB222Li, UB333Li**

The lithium-ion battery provides better power-to-weight ratio. It will not be affected by the memory effect caused by repeated recharging after being only partially discharged.



**Charger: UBC**

The battery power indicator provides a visual indication to charge the lithium-ion battery.

█ = good charge      █ = low charge (recharging needed)  
█ = very low charge (immediate recharging needed)

The slide design battery provides the high-energy efficiency in power and no damage to contact.

(P) represents the 3/8" square drive anvil with socket retainer pin. (RF) represents the tool with wireless transmission feature.

MODEL	TYPE	FREE SPEED RPM	TORQUE RANGE		WEIGHT W/BATTERY lb	LENGTH in	DRIVE in	SOUND LEVEL dB(A)	VOLTAGE V	BATTERY	CHARGER
			Nm	ft-lb							
UDBP-TA40	Shut-off	4800	4.5-8	3.3-5.9	3.08	8.18	1/4 Hex	75	11.1	UB111Li	UBC
UDBP-TA40(RF)	Shut-off	4800	4.5-8	3.3-5.9	3.08	8.18	1/4 Hex	75	11.1	UB111Li	UBC
UDBP-TA50	Shut-off	4800	6.5-13	4.8-9.6	3.08	8.18	1/4 Hex	76	11.1	UB111Li	UBC
UDBP-TA50(RF)	Shut-off	4800	6.5-13	4.8-9.6	3.08	8.18	1/4 Hex	76	11.1	UB111Li	UBC
UDBP-TA60	Shut-off	4800	15-28	11.1-20.7	3.74	8.83	1/4 Hex	76	22.2	UB222Li	UBC
UDBP-TA60(RF)	Shut-off	4800	15-28	11.1-20.7	3.74	8.83	1/4 Hex	76	22.2	UB222Li	UBC
UDBP-TA50(P)	Shut-off	4800	7-15	5.1-11.1	3.08	8.07	3/8 Sq.	76	11.1	UB111Li	UBC
UDBP-TA50(P)(RF)	Shut-off	4800	7-15	5.1-11.1	3.08	8.07	3/8 Sq.	76	11.1	UB111Li	UBC
UDBP-TA60(P)	Shut-off	4800	15-28	11.1-20.7	3.74	8.83	3/8 Sq.	76	22.2	UB222Li	UBC
UDBP-TA60(P)(RF)	Shut-off	4800	15-28	11.1-20.7	3.74	8.83	3/8 Sq.	76	22.2	UB222Li	UBC
UDBP-TA70P	Shut-off	4800	26-47	19.2-34.7	4.41	9.21	3/8 Sq.	76	33.3	UB333Li	UBC

Adding "KIT" to the tool model number will include two (2) batteries and the battery charger with the specified tool. Example: UDBP-T50KIT

NOTE: Torque ranges reflect residual B joint torque values.

Battery: UB111Li, UB222Li, UB333Li (also sold separately)

Charger: UBC (also sold separately)

Charge Time: 80% battery capacity - 40 minutes, 100% battery capacity - 64 minutes.

## RECEIVER



MODEL	DESCRIPTION
TWF-600R	Receiver for UDBP (RF) type tools 426Mhz (also sold separately)

## BODY JACKETS FOR UDBP SERIES

MODEL	DESCRIPTION
863-964-1	UDBP TOOL, 40/50 SERIES
863-965-1	UDBP TOOL, 60 SERIES
863-966-1	UDBP TOOL, 70 SERIES

## BATTERY COVERS

MODEL	DESCRIPTION
863-976-1	UDBP BATTERY COVER, 40/50 SERIES
863-977-1	UDBP BATTERY COVER, 60 SERIES
863-978-1	UDBP BATTERY COVER, 70 SERIES

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