

UPT URYU Power Tools

UDBP Series

Battery Oil Pulse tool

Revolutionizing work environment !!



Low Noise
Low Vibration
Low Reaction

Features

Oil Pulse Unit with Auto-relief mechanism

The Oil Pulse Unit with Auto-relief mechanism improves operation efficiency.

Direct Drive

The direct drive has reduced noise, vibration and reaction force.

Shut-off LED indicator

Operator can recognize judgment of a fastening result easily.

LED Light

The built-in LED helps you to install fasteners in a dark area.

Trigger

It enables operator fatigue relieved.

Reverse Lever

Operator can reverse rotation by single hand.

Ventilation slot

It helps the motor cooling down.

Brushless IPM motor

The built-in brushless IPM motor has greatly prolonged the motor longevity, helping you cut the maintenance costs.

Ergonomic designed handle

The grip is designed to keep the tools weight balance well.

Lithium-ion Battery

Its longevity is not affected by repeated recharging after being only partially discharged.

Battery Power Level



The battery power indicator provides you with 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.

Recycle of Li-ion Battery



Li-ion battery is a precious and recyclable resource. Recycle UB batteries in compliance with your local recycle system and law.



UDBP Series Battery Oil Pulse tool

UDBP-TA Shut-off Type Battery Oil Pulse Tool Specifications

Models	Bolt Capacity		Torque Range		Free Speed rpm	Overall Length		Weight (less Socket or bit) with battery without battery				From Center to Outside		SQ. Drive / Hex. Size		Sound Pressure Level (LpA)	Vibration Total Value (Ahd)	Vibration Uncertainty (K)	Battery Voltage (1.5Ah)	Battery Model
	mm	in	N-m	ft-lbs		mm	in	kg	in	kg	in	mm	in	mm	in					
UDBP-TA40	M5	No. 10	4.5-8	3.3 - 5.9	4800	208	8 3/16	1.4	3.08	1.11	2.44	29.5	1 5/32	6.35Hex	1/4hex	75	<2.5	0.55	11.1	UB111Li
UDBP-TA40(P)	M5	No. 10	4.5-8	3.3 - 5.9	4800	205	8 5/64	1.4	3.08	1.11	2.44	29.5	1 5/32	9.5Sq	3/8sq.	75	<2.5	0.54		
UDBP-TA50	M6-M8	1/4 - 5/16	6.5-13	4.8 - 9.6	4800	208	8 3/16	1.4	3.08	1.11	2.44	29.5	1 5/32	6.35Hex	1/4hex	75	<2.5	0.56		
UDBP-TA50(P)	M6-M8	1/4 - 5/16	7-15	5.1 - 11.1	4800	205	8 5/64	1.4	3.08	1.11	2.44	29.5	1 5/32	9.5Sq	3/8sq.	75	<2.5	0.54	22.2	UB222Li
UDBP-TA60	M8	5/16	13-26	9.6 - 19.2	4800	223	8 25/32	1.7	3.74	1.25	2.75	29.5	1 5/32	6.35Hex	1/4hex	77	<2.5	0.57		
UDBP-TA60(P)	M8	5/16	15-28	11.1 - 20.7	4800	220	8 11/16	1.7	3.74	1.25	2.75	29.5	1 5/32	9.5Sq	3/8sq.	76	<2.5	0.55	33.3	UB333Li
UDBP-TA70(P)	M8-M10	5/16 - 13/32	26-47	19.2 - 34.7	4800	234	9 7/32	2.0	4.4	1.39	3.06	29.5	1 5/32	9.5Sq	3/8sq.	76	<2.5	0.57		

The noise measurement method of EN60745 is much aligned with ISO15744. The uncertainty in the sound levels is 3 dB(A) Vibration Level in accordance with ISO28927-2

UDBP Non Shut-off Type Battery Oil Pulse Tool Specifications

Models	Bolt Capacity		Torque Range		Free Speed rpm	Overall Length		Weight (less Socket or bit) with battery without battery				From Center to Outside		SQ. Drive / Hex. Size		Sound Pressure Level (LpA)	Vibration Total Value (Ahd)	Vibration Uncertainty (K)	Battery Voltage (1.5Ah)	Battery Model
	mm	in	N-m	ft-lbs		mm	in	kg	in	kg	in	mm	in	mm	in					
UDBP-A50	M6-M8	1/4 - 5/16	8-17	5.9 - 12.6	5300	203	7 63/64	1.4	3.08	1.11	2.44	29.5	1 5/32	6.35Hex	1/4 hex	76	<2.5	0.56	11.1	UB111Li
UDBP-A50(P)	M6-M8	1/4 - 5/16	11-20	8.1 - 14.8	5300	200	7 7/8	1.4	3.08	1.11	2.44	29.5	1 5/32	9.5Sq	3/8 sq.	76	<2.5	0.54		
UDBP-A60	M8-M10	5/16	17-30	12.6 - 22.2	4800	218	8 37/64	1.7	3.74	1.25	2.75	29.5	1 5/32	6.35Hex	1/4 hex	77	<2.5	0.6	22.2	UB222Li
UDBP-A60(P)	M8-M10	5/16	20-32	14.8 - 23.7	4800	215	8 15/32	1.7	3.74	1.25	2.75	29.5	1 5/32	9.5Sq	3/8 sq.	77	<2.5	0.6		

The noise measurement method of EN60745 is much aligned with ISO15744. The uncertainty in the sound levels is 3 dB(A) Vibration Level in accordance with ISO28927-2

Battery

Battery Model Number	UB111Li	UB222Li	UB333Li
Voltage	11.1V	22.2V	33.3V
Capacity	1.5Ah	1.5Ah	1.5Ah
Weight (Approx.)	0.29kg	0.45kg	0.61kg
Part number	861-188-1	861-182-1	861-187-1



Charger

Charger Model Number	UBC
Power Supply	AC 100 - 240V*
Power Consumption	100V: 225VA 240V: 296VA
Weight (Approx.)	1.6kg
Operating Temperature Range	5 - 40°C
Part number	861-183-1

*Use the power cable that URYU ships with the charger.



Charging Time

Battery Capacity	Time (Approx.)
80%	40 minutes
100%	64 minutes

UDBP-TA**-STA (for 120V)
UDBP-TA**-STE (for 230V)

The tool, charger and 2 sets of batteries are also available as a set.



Body Jacket

Tool Model	Part number
UDBP-TA40 & TA50 series	863-964-1
UDBP-TA60 series	863-965-1
UDBP-TA70(P)	863-966-1



Battery Protector

Battery Model Number	Part number
UB111Li	863-976-1
UB222Li	863-977-1
UB333Li	863-978-1

Fastening numbers per full charge

Model	Torque (Nm)	Tester (Bolt size)	Battery Model	Fastening numbers. (Approx.)
UDBP-TA40	7.0Nm	UFT-6 (M6)	UB111Li	Hard joint: 840 pcs. Soft joint: 270 pcs.
UDBP-TA50•A50	11.0Nm	UFT-10(M8)	UB111Li	Hard joint: 580 pcs. Soft joint: 190 pcs.
UDBP-TA50(P)•A50(P)	12.5Nm	UFT-10(M8)	UB111Li	Hard joint: 580 pcs. Soft joint: 190 pcs.
UDBP-TA60•A60	24.0Nm	UFT-10(M10)	UB222Li	Hard joint: 500 pcs. Soft joint: 170 pcs.
UDBP-TA60(P)•A60(P)	26.0Nm	UFT-10(M10)	UB222Li	Hard joint: 500 pcs. Soft joint: 170 pcs.
UDBP-TA70(P)	40.0Nm	UFT-16(M12)	UB333Li	Hard joint: 600 pcs. Soft joint: 200 pcs.

*Torque is set at Hard joint.
Number of tightening per charge varies depending on torque level, fastener length and application.

URYU SEISAKU, LTD.

P.O.Box 7, Higashinari, Osaka, Japan
Phone 816-6973-9414-9415
Fax. No. 816-6972-0346
E-Mail: uryuair@uryu.co.jp

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