

Battery Torque Wrench, Square Drive

ENERPAC 

▼ BTW1000E, Battery Torque Wrench



Pinpoint Precision, Time After Time

- Integrated digital motor vectoring system delivers accurate and repeatable torque up to 6000 Ft.lbs (8130 Nm).
- The most comprehensive pre-programming and calibration process of any battery torque wrench in the world.
- Delivering +/- 5% accuracy throughout the complete usable range of the tool.

The Solo Torque Expert

- Go wherever the job takes you with the handheld, battery-powered design.
- Single-operator usage for unparalleled productivity without cords or hoses.

Set in Seconds

- Set your torque target swiftly and torque with ease, thanks to the intuitive LED display.

Power that Lasts Throughout Your Workday

- Supplied as standard with two Enerpac 18 V 5.5 Ah Lithium-ion batteries and a 60-minute fast-charger. 8 Ah battery option available separately.
- Highly efficient and low maintenance brushless motor runs cooler and maximizes your productivity, even in remote or hard-to-reach areas.
- Effortlessly switch between any compatible Cordless Alliance System (CAS) battery for unmatched versatility and savings.

Torque With Confidence

- Ergonomic glass-filled Nylon handle with a durable slip-resistant grip.
- Convenient start trigger operation.
- Compatible with standard impact quality sockets.
- Planetary gear design provides smooth and consistent torque.
- Hardened steel alloy square drive withstands high levels of torque and resists wear and tear.
- Robust cast reaction arm provides a safe and strong reaction point.

Calibration Certificate

- All BTW-torque wrenches are standard supplied with a calibration certificate.

Ready, Set, Torque!



Ordering Convenience

Choose a complete set with a wrench, two batteries, and a battery quick charger, or opt for the wrench only.

All items are housed in a sturdy storage case. Additional Quick Chargers and spare batteries can be ordered separately.



Quick Charger & Batteries

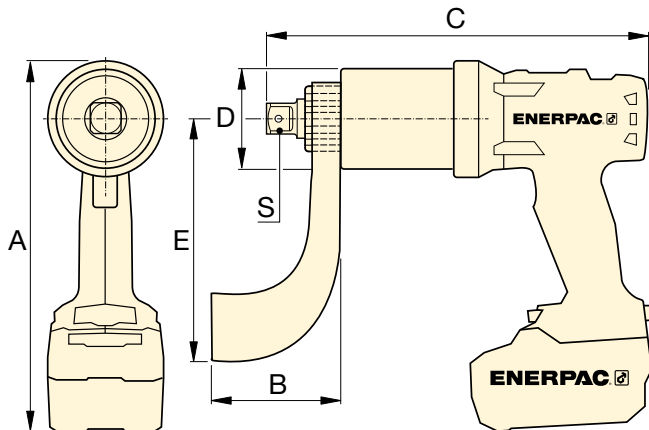
The batteries are fully charged in 40 - 60 minutes.

Quick Charger	Model Nr.
115 Volt North America	EC181BQC
230 Volt Europe	EC182EQC
230 Volt Australia	EC182AUSQC
Lithium-Ion Batteries	Model Nr.
18 Volt, 5.5 Ah (standard)	EB18V5
18 Volt, 8 Ah	EB18V8

▼ BTW-Series: Handheld, battery-powered design and single-operator usage provides unparalleled portability. No cords, no hoses, no worries.



Battery Torque Wrench, Square Drive



BTW Series



Maximum Torque Output:
500 - 6000 Ft.lbs

Maximum Torque Output:
670 - 8130 Nm

Square Drive Range:
3/4 - 1 - 1 1/2 inch

SELECTION CHART

Maximum Torque Output		Square Drive S (inch)	Model Number ¹⁾ Complete Battery Torque Wrench	Minimum Torque Output		Speed (min. - max.) (RPM)	Dimensions (inch)					2) (lbs)	Dimensions (mm)					2) (kg)
(Ft.lbs)	(Nm)			(Ft.lbs)	(Nm)		A	B	C	D	E		A	B	C	D	E	
500	670	3/4	BTW500E	120	160	12 - 20	10.54	3.63	8.86	2.56	4.29	10.4	267,7	93	225,0	65,0	109	4,7
1000	1350	1	BTW1000E	240	330	2 - 8	10.54	3.63	10.63	2.85	4.29	14.5	267,7	92	270,0	72,4	109	6,6
2000	2710	1	BTW2000E	500	680	1 - 5	10.54	4.00	11.47	3.09	5.25	15.9	267,7	101	291,3	78,5	133	7,2
3000	4030	1	BTW3000E	750	1020	0,5 - 2	10.76	4.00	13.72	3.75	5.25	22.5	273,3	101	348,5	95,3	133	10,2
6000	8130	1 1/2	BTW6000E	1200	1626	0,9 - 1,2	11.39	5.75	14.73	5.00	8.00	43.3	289,0	146	374,0	127,0	203	19,6

¹⁾ Complete set include Wrench, Reaction Arm, Quick Charger and 18V 5.5 Ah Batteries, all in a sturdy case.
For wrench only remove "E". Example: **BTW1000**.
For 115 V with USA-plug change "E" into "B". Example **BTW1000B**.
For 230 V with Australian plug change "E" into "AUS". Example **BTW1000AUS**.

²⁾ Weight including Reaction Arm and Battery.

▼ Go wherever the job takes you with the handheld, battery-powered design.



Optional Handle Assemblies

* The D-Handle of the BTW3000 model requires installation at an Authorized Service Center.

Model Number D-Handle Assembly	Fits Wrench Models
BTW500DH	BTW500
BTW1000-3000DH *	BTW1000, BTW3000 *
BTW2000DH	BTW2000
BTW6000DH	BTW6000



Optional Hangers

* The Hanger Plate of the BTW3000 model requires installation at an Authorized Service Center.

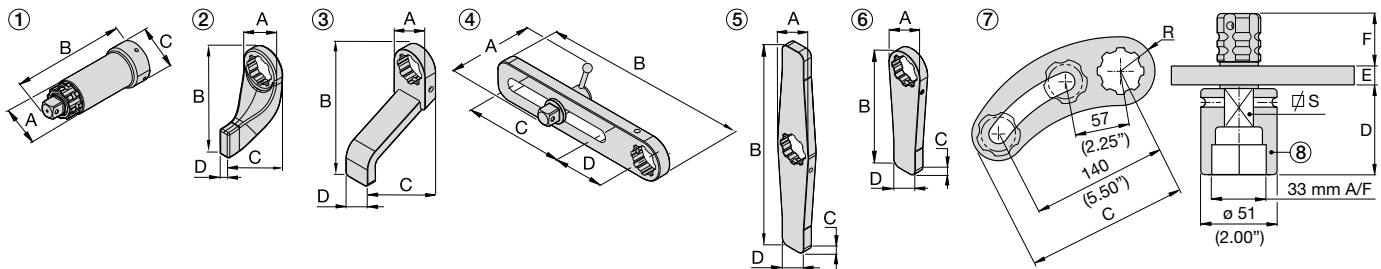
Model Number Hanger Plate	Fits Wrench Models
BTW500HP	BTW500
BTW1000-3000HP *	BTW1000, BTW3000 *
BTW2000HP	BTW2000
BTW6000HP	BTW6000

Accessories for BTW-Series Torque Wrenches **ENERPAC**

▼ Accessories for BTW-Series Battery Torque Wrenches



BTW-Series accessories for further extending the application range. ▶



Optional Accessories for use with BTW500

Nr.	Description	Model Nr.	Application	Dimensions (inch)				Dimensions (mm)			
				A	B	C	D	A	B	C	D
1	Extended Drive, 6 inch (152 mm)	ED6TW	Nose extension, for truck wheel bolts	1.97	6.81	2.24	—	50	173	57	—
1	Extended Drive, 12 inch (305 mm)	ED12TW	Nose extension, for truck wheel bolts	1.97	12.80	2.24	—	50	325	57	—
1	Extended Drive, 18 inch (457 mm)	ED18TW	Nose extension, for truck wheel bolts	1.97	18.82	2.24	—	50	478	57	—
2	Standard Reaction Arm	RATW	Standard arm included with BTW	2.52	4.29	3.63	0.63	64	109	92	16
3	Extended Reaction Arm	ERATW	Long plate, use with deep well sockets	2.52	6.77	5.63	1.54	64	172	143	39
4	Sliding Reaction Arm	SLRATW	For widely spaced and uneven bolt centers	4.17	14.25	7.99	4.02	106	362	203	102
5	Double Straight Reaction Arm	DSATW	Reduces time to reposition arm *	2.52	12.01	0.63	1.26	64	305	16	32
6	Straight Reaction Arm	SRATW	Long plate for wide spaced reaction points	2.52	7.24	0.63	1.26	64	184	16	32

Optional Accessories for use with BTW1000, 2000, 3000

Nr.	Description	Model Nr.	Application	Dimensions (inch)				Dimensions (mm)			
				A	B	C	D	A	B	C	D
1	Extended Drive, 6 inch (152 mm)	ED6TWS	Nose extension, for truck wheel bolts	2.44	8.11	2.87	—	62	206	73	—
1	Extended Drive, 12 inch (305 mm)	ED12TWS	Nose extension, for truck wheel bolts	2.44	15.12	2.87	—	62	384	73	—
1	Extended Drive, 18 inch (457 mm)	ED18TWS	Nose extension, for truck wheel bolts	2.44	20.12	2.87	—	62	511	73	—
2	Standard Reaction Arm	RATWS	Standard arm included with BTW	2.99	6.77	4.00	0.83	76	172	101	21
3	Extended Reaction Arm	ERATWS	Long plate, use with deep well sockets	2.87	7.91	5.88	2.01	73	201	149	51
4	Sliding Reaction Arm	SLRATWS	For widely spaced and uneven bolt centers	4.41	15.00	7.99	4.02	112	381	203	102
5	Double Straight Reaction Arm	DSATWS	Reduces time to reposition arm *	2.87	15.98	0.75	4.02	73	406	19	102
6	Straight Reaction Arm	SRATWS	Long plate for wide spaced reaction points	2.87	9.45	0.75	2.01	73	240	19	51

Optional Accessories for use with BTW6000

Nr.	Description	Model Nr.	Application	Dimensions (inch)				Dimensions (mm)			
				A	B	C	D	A	B	C	D
1	Extended Drive 6 inch (152 mm)	ED6TWL	Nose extension, primarily for truck wheel bolts	3.31	9.13	4.02	—	84	232	102	—
1	Extended Drive 12 inch (305 mm)	ED12TWL	Nose extension, primarily for truck wheel bolts	3.31	15.12	4.02	—	84	384	102	—
2	Standard Reaction Arm	RATWL	Standard arm included with BTW model	4.02	9.02	5.75	1.26	102	229	146	32
3	Extended Reaction Arm	ERATWL	Long plate for use with deep well sockets	4.02	10.00	7.24	2.52	102	254	184	64
4	Sliding Reaction Arm	SLRATWL	For widely spaced and uneven bolt centers	5.98	16.50	7.48	4.49	152	419	190	114
5	Double Straight Reaction Arm	DSATWL	Reduces time to reposition arm *	4.02	20.00	1.26	2.24	102	508	32	57
6	Straight Reaction Arm	SRATWL	Long plate for wide spaced reaction points	4.02	12.01	1.26	2.24	102	305	32	57

* Time to reposition arm when repeatedly moving from tightening to loosening.

Optional Curved Reaction Arms and Sockets for Wheel Bolting

Nr.	Description	Model Number	Application	Dimensions (inch)						Dimensions (mm)					
				C	D	E	F	R	S	C	D	E	F	R	S
7	Curved Reaction Arm, 3/4" Square Drive	RAWB50075SQD	BTW500	6.56	—	.75	2.13	1.38	¾"	167	—	19	54	35	¾"
7	Curved Reaction Arm, 3/4" Sq. Dr. 33 mm cup	RAWB5007533CUP	BTW500	6.56	3.15	.75	2.13	1.38	¾"	167	80	19	54	35	¾"
7	Curved Reaction Arm, 1" Square Drive	RAWB100SQD	BTW1000, 2000, 3000	6.75	—	1.00	1.88	1.50	1"	171	—	25	48	38	1"
7	Curved Reaction Arm, 1" Sq. Dr. 33 mm cup	RAWB10033CUP	BTW1000, 2000, 3000	6.75	3.31	1.00	1.88	1.50	1"	171	84	25	48	38	1"
8	Socket 3/4" Square Drive, 33 mm hexagon	BSH75WB33	BTW500	—	3.15	—	—	—	¾"	—	80	—	—	—	¾"
8	Socket 1" Square Drive, 33 mm hexagon	BSH100WB33	BTW1000, 2000, 3000	—	3.31	—	—	—	1"	—	84	—	—	—	1"

ACHIEVE MORE. REACH FURTHER.

BTW-Series Accessories



SPARE RECHARGEABLE BATTERY

High-capacity battery cells provide extended runtime for higher cycle and larger tool applications.



QUICK CHARGER

Charges each Lithium-Ion battery in 60 minutes.



BSH-SERIES SOCKETS

Heavy-Duty Impact Sockets for power driven torquing equipment.



EXTENDED REACTION ARMS

Choose from a selection of extended reaction arms to access tight or difficult areas where standard reaction arms don't fit.



CURVED REACTION ARMS

Allows operator to react against adjacent nut using a cup to protect it. Allows socket to socket between 4-6" (101-152 mm) away from square drive of the tool.



BACK-UP SPANNERS

Stops the back nut from turning during make up or break out. Two hexagon sizes in one tool.





CHOOSE YOUR IDEAL PACKAGE

Build your set by choosing from 5 torque wrenches plus batteries, charger, and accessories.