



BRDC-E Series High Accuracy Battery Power Torque Wrench



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Introduction

BRDC-E battery torque wrench comes with a torque transducer, which improves the accuracy to $\pm 3\%$. It uses Metabo motor and batteries, the motor is brushless, with multi stage planetary gearbox. Its torque ranges from 50Nm to 8000Nm, torque setting is 1Nm per step. It's designed with overheat and overloading protect function, built in buzzer, will automatically stop working when the preset torque is reached. Available modes include torque mode, torque + angle mode. This tool can output operation records to mobile phone and computer easily as there is a usb cable provided.

Classification

Bolting Tools->Electric Torque Wrench

Attributes

- Brand: Baier
- Model: BRDC-E
- prodCode: 8467299000

Product Description

BRDC-E Battery Torque Wrench With Torque Transducer:

1. Adopting high-precision torque sensors, high-speed and precise.

2. Support multiple different operation modes, and



the reaction arm can be automatically released.

3. Digital adjustment and display of torque and wrench working status parameters, multi-mode adjustment.
4. The torque wrench can be set to any torque value within its usage range.
5. Multi stage gearbox, high reliability and stability.
6. Buzzer prompt, tightening result judgment function, backend torque calibration function.
7. Software compensation function, overheating temperature monitoring function.
8. Optional torque+angle mode.
9. Accuracy $\pm 3\%$, repeatability $\pm 2\%$.

Reaction Arm:



Trunk Type



Z type



Double Arm Type

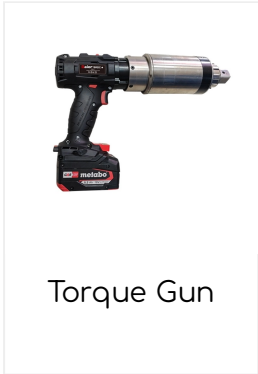


Four Points Type

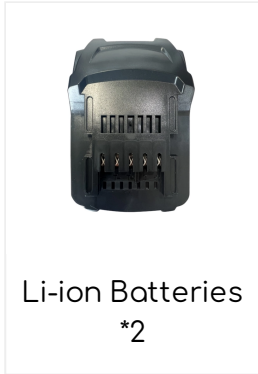


Deep Sleeve Type

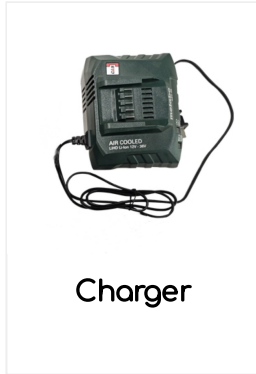
Parts Included:



Torque Gun



Li-ion Batteries
*2



Charger



Reaction Arm



Carrying Case



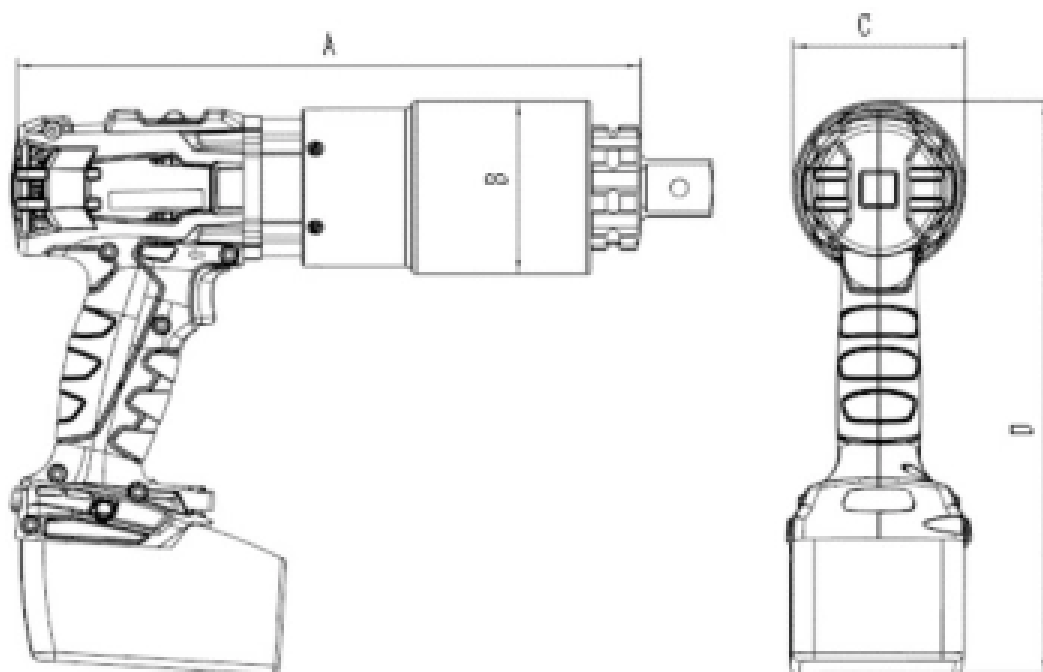
Information Displayed On The Screen

The digital display screen will display the current time, motor temperature, real-time output torque, operation mode, battery level, communication mode, and menu.

There are three buttons to enter the settings interface. In the settings interface, you can view wrench working records, revise the displayed torque unit, change language, change the direction of text on the screen, modify system settings, switch to torque

calibration mode, and so on. Support language include Chinese, English, Russian, Spanish, French.....

Dimensional Drawing:



Specification Table:

Model	Square Drive (inch)	Torque		Unloaded Speed (rpm)	Weight (kg)	Size A (mm)	Size B (mm)	Size C (mm)	Size D (mm)
		Nm	ft.lb						
BRDC-SS120	1/2	50-120	37-88.5	38	2.1	126	50	56	220
BRDC-SS250	3/4	50-250	37-184	35	2.9	210	62	62	267

BRDC -SS50 0	3/4	70-500	51-369	12.5	4	210	65	65	267
BRDC -SS80 0	3/4	120-80 0	88.5-5 90	5	4.5	250	71	71	267
BRDC -SS12 00	1	200-12 00	147.5-8 85	4.5	5	265	78	78	267
BRDC -SS20 00	1	300-18 00	221-13 28	3	5.3	280	78	78	267
BRDC -SS30 00	1	400-30 00	295-2 213	2.2	6.5	290	82	82	267
BRDC -SS40 00	1	600-38 00	442.5- 2803	1.8	6.8	300	85	85	267
BRDC -SS50 00	1 1/2	700-50 00	516-36 88	1.5	9.5	310	103	103	267
BRDC -SS60 00	1 1/2	900-60 00	664-4 425	1.2	12.5	325	111	111	267
BRDC -SS80 00	1 1/2	1200-8 000	885-5 900.5	1	13.5	350	115	115	267

*The commonly used torque in work should be less than 80% of the maximum torque of the wrench.

How to choose and maintain an electric torque wrench?

1. The tightening torque of the bolt is 80% of its yield limit, and the dismantling torque is 1.5-2.5 times the tightening torque. Based on the bolt specifications and strength grade, first determine the torque range that needs to be used.
2. The commonly used torque (rated torque) of a wrench should be less than 80% of its maximum torque value to ensure the optimal operating state of the wrench.
3. Choose the appropriate bolt sleeve according to the different bolt sizes.
4. Select or customize a suitable reaction force arm according to the operating conditions.
5. This product is not waterproof, please do not use it on rainy days or underwater.
6. The wrench should be properly stored after use, and should be recalibrated after maintenance or use for more than six months.

After Sales Service:

1. Free replacement of torque wrench component and new product if it's damaged or broken because of supplier's responsibility.
2. We promise 12 months warranty time after delivery.
3. Online guidance of operation, repairing, setting when clients need help.
4. Help to explore the local market with contracted dealer.
5. When it beyond warranty time, we still provide components and technical support.
6. Total engineering solution with complex hydraulic tools combined action.

Related Products
