

## INSTRUCTION MANUAL

### **EAS(W)-B12 series** **10.8V BRUSHLESS FULL AUTO SHUT-OFF** **CORDLESS ANGLE SCREWDRIVER & WRENCH**



EAS(W)-B12 series-I-2508E-MI

## Specification

Model	Torque range (N.m)	Free Speed (rpm)			Length (W/O battery)	Diameter	Standard Deviation	Volt.	Weight(kg)		Fastening Capacity	
		ECO	NORMAL	SPORT					w/o battery	w/2.5Ah battery	Machine Screw	Tapping Screw
EAS-B1215	2.0~15.0	250	380	500	474	108	±5	10.8V	1.3	1.57	M4.5-M8.8	M3.5-M6.8
EAW-B1230	8.0~30.0	175	260	350	465	108	±5		1.63	1.77	M6.9-M11.0	M5.6-M8.8
EAW-B1250	10.0~50.0	125	190	250	489	108	±5		2.1	2.37	M7.5-M12.8	M6.0-M10.0
EAW-B1260	15.0~60.0	100	130	160	489	108	±5		2.4	2.67	M8.8-M13.2	M6.8-M10.8

\*Weight、Length、Diameter Parameter Value w/2.5Ah battery.

\*Precision and reliability: Machine capability index > 1.67±10% according to ISO 5393

\*Angle drive: 1/4" Hex (EAS-B1215)  
3/8" Square (EAW-B1230)  
1/2" Square (EAW-B1250、EAW-B1260)

\* Customization, exclusive specifications can be made according to customer needs, please contact us for details

\*ECO : For hard joint screwing with low speed. More energy saving and number of screwing.

\*NORMAL : For normal screwing, and there is no other locking requirement for the power saving standard value, so use this mode.

\*SPORT(High speed) : For soft joint screwing with high speed. High efficiency and low power consumption.

## Standard packing and accessories

Contents (w/o battery)	Standard battery pack (2.5Ah)	Charger (with power cable)	Accessories			
CORDLESS Tool	BP1225L01	BC10T01	Torque wrench	Color ring	Bit (2#4.5*50) Only EAS-B1215	Bit (2#6*50) Only EAW-B1250

## Option

Enhanced battery pack (5.0Ah)	Charger (w/o power cable)	Plug				USB KIT	Bits (HRC 67)	Hook	Belt Hook
BP1250L01	BC10T01	CH002-02 (USA-110V)	CH002-03 (India-Big)	CH002-04 (Europe)	CH002-05 (UK)	E-6C1011	DH Series Only EAS-B1215	E-HK001	7Q5103
		CH002-06 (Australia)	CH002-07 (India-Small)	CH002-08 (USA-220V)					

Before you use the Cordless Screwdriver & Wrench for the first time, it is essential to read and understand the manual completely (including the spare parts view). The term “Cordless Screwdriver & Wrench” in all of the warning listed below refers to your main operated appliance



1. Read instruction manual.

2. Observe caution and safety notes.

3. Recyclable.

4. For indoor use only.

5. Do not expose to wet or rain conditions.

6. Do not operate in an explosive atmosphere.

7. Do not disassemble.

8. Forbid to throw away.

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- **Original Instructions**

To ensure the best results from your cordless screwdriver please read these safety and usage instructions carefully. If you have any questions or queries after reading this manual please do not hesitate to contact us.

For easy of use, this manual is divided into sections. Each section of the manual is written with you, the tool operator, in mind. We have left out all of the technical terms so that you can readily understand how to get the maximum performance from your Cordless screwdriver, and how to avoid damaging the tool or injuring yourself. But, to accomplish this, we need you to do two things:

1. READ THE MANUAL FROM COVER TO COVER BEFORE USING THE TOOL.
2. FOLLOW ALL INSTRUCTIONS IN THE MANUAL.

## ● General Safety Rules

Carefully read this manual before using this cordless screwdriver. Make sure that you know how the cordless screwdriver functions and how to operate it. Maintain the cordless screwdriver in accordance with the instructions to ensure that it functions properly. Keep this manual with the cordless screwdriver. If the cordless screwdriver is to be used by a third party, this instruction manual must be supplied with it. The safety instructions do not by themselves eliminate any danger completely and proper accident prevention measures must always be used.

### 1) Work area

- a) Keep work area clean and well lit. Cluttered and dark areas invite accidents.
- b) Do not operate cordless screwdrivers in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Cordless screwdrivers create sparks which may ignite the dust or fumes.
- c) Keep children and bystanders away while operating a cordless screwdriver. Distractions can cause you to lose control.

### 2) Electrical safety

- a) Your screwdriver is double insulated for your safety. This means that all the external metal parts are electrically insulated from the mains power supply. This is done by placing insulation barriers between the electrical and mechanical components making it unnecessary for the tool to be earthed. Do not attempt to repair this machine yourself unless you are a suitably qualified person.
- b) Cordless screwdriver plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) cordless screwdrivers. Unmodified plugs and matching outlets will reduce risk of electric shock.
- c) Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- d) Do not expose cordless screwdrivers to rain or wet conditions. Water entering a cordless screwdriver will increase the risk of electric shock.

### 3) Personal safety

- a) Stay alert, watch what you are doing and use common sense when operating a cordless screwdriver. Do not use a cordless screwdriver while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating cordless screwdrivers may result in serious personal injury.
- b) Use safety equipment. Always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for



appropriate conditions will reduce personal injuries.

- c) Do not overreach. Keep proper footing and balance at all times. This enables better control of the cordless screwdriver in unexpected situations.
- d) Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.

#### 4) Cordless screwdriver operation and maintenance

- a) Do not force the cordless screwdriver. Use the correct cordless screwdriver for your application. The correct cordless screwdriver will do the job better and safer at the rate for which it was designed.
- b) Do not use the cordless screwdriver if the switch does not turn it on and off. Any cordless screwdriver that cannot be controlled with the switch is dangerous and must be repaired.
- c) Store idle cordless screwdrivers out of the reach of children and do not allow persons unfamiliar with the cordless screwdriver or these instructions to operate the cordless screwdriver. Cordless screwdrivers are dangerous in the hands of untrained users.
- d) Do not try to repair the tool.

#### 5) Battery use and care

- a) Use cordless screwdrivers only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- b) When battery pack is not in use, keep it away from other metal objects like paper clips, coins, keys, nails, screws, or other small metal objects that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- c) Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.



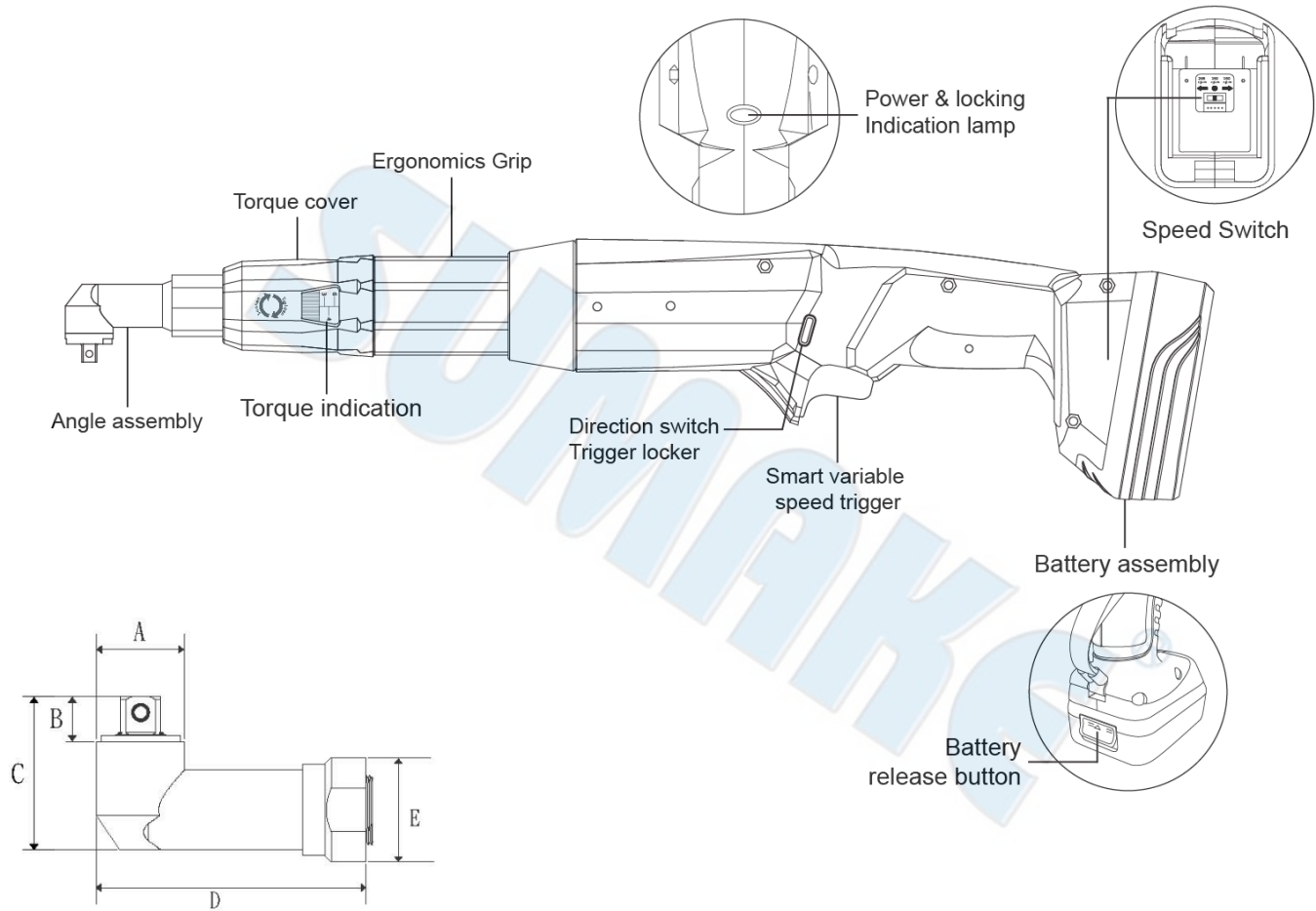
- d) **Only for EU countries.** Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. Contact your local government for information regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.

When replacing old appliances with new ones, the retailer is legally obligated to take back your old battery for disposal at least for free of charge.

#### 6) Service

- a) Have your cordless screwdriver serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the cordless screwdriver is maintained.

## ● Accessories and technical Specifications



Angle Size					
Model	A	B	C	D	E
	mm	mm	mm	mm	mm
<b>EAS-B1215</b>	12	11	38	68	25
<b>EAW-B1230</b>	28	12	48	85	33
<b>EAW-B1250</b>	35	14	58	93	40
<b>EAW-B1260</b>	35	14	58	93	40

## ● Battery charging system

For the transportation safety, all new batteries are shipped discharged and must be charged prior to first use. Batteries will take 8 hours to recharge at first use.

### Battery Warranty and Maintenance:

★The warranty period for the battery is one year. When the battery is completely undischarged, it needs to be changed every three months.

★When the tool is not in use, please remove the battery to prevent the battery from continuing to discharge in standby mode, causing the battery to be depleted and unable to be recharged to its original capacity.

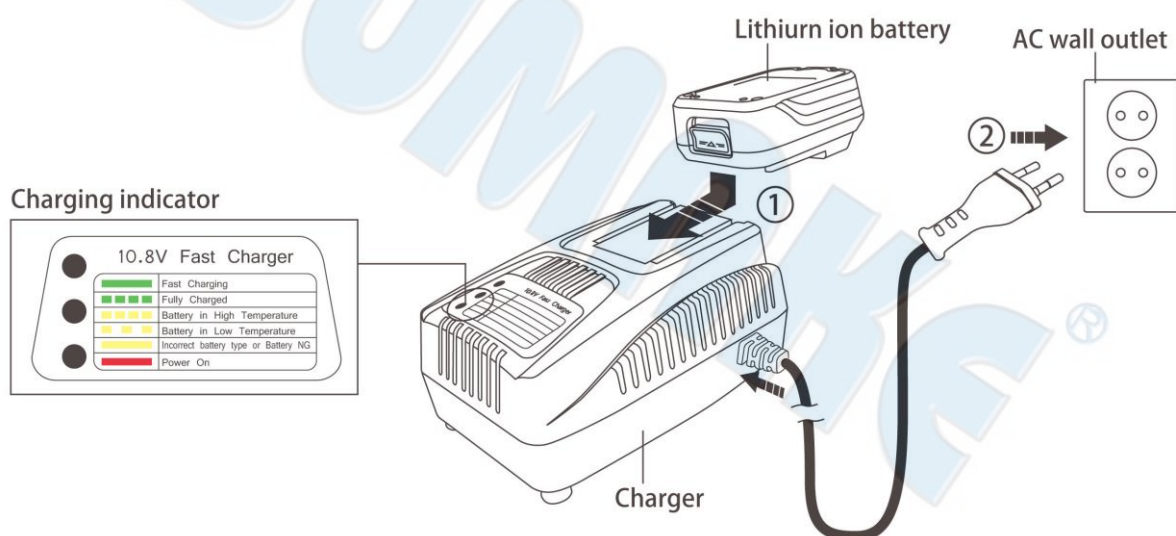
★Some human factors are not included in the warranty scope :

- ①The battery is damaged or cannot be charged due to non-regular charging or long-term not use the battery, which is a human factor.
- ②After the battery is discharged, the battery is not recharged immediately and the battery is low voltage or the light (on the tool not battery) turns on the red. so the voltage becomes too low to recharge the original power lever.

### Charging Instructions:

★ The charging time is 40 minutes for standard 2.5Ah battery, and 80 minutes for enhanced 5.0Ah battery.

- ① Slide battery into charger.
- ②Plug AC cable into your standard power outlet.



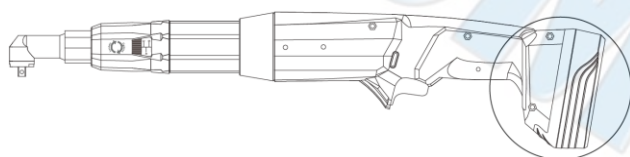


## ● Operating instructions

### A. Operation Frequency

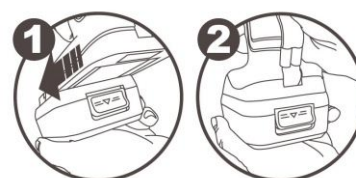
According to the on-site usage environment and locking conditions, it is recommended to operate intermittently for 1 minute to lock 10 screws. Do not exceed the recommended operating frequency. Otherwise, the motor may overheat and cause serious damage to internal parts. Cordless power tools must be properly treated rest cooling.

### . Releasing and inserting battery pack



#### (1) Battery pack insert

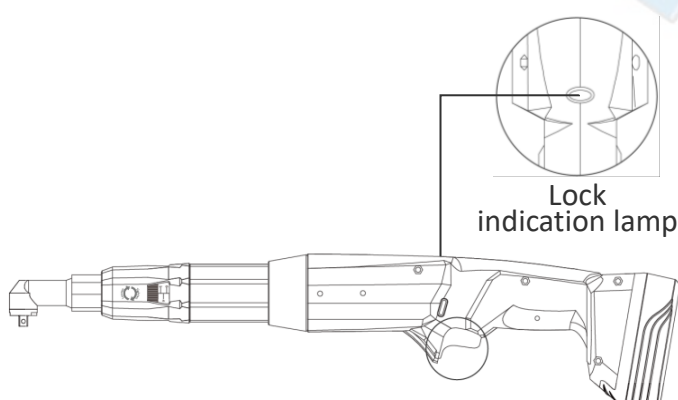
To insert the battery pack, align the battery with the grooves and slide the pack in until it locks into position. Do not force.



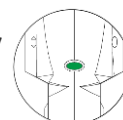
### C. Confirm the power

Insert the battery or replace the battery, press the start trigger to confirm the battery power, the power indicator light will display the current battery power. The indicator light shows the current battery level: green (sufficient battery), orange (normal use), red (recharging required).

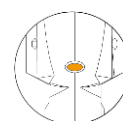
If the red light is displayed, please replace the battery or charge it before use.



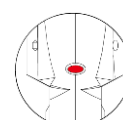
(1) Green light: The battery is fully charged and can be used normally.



(2) Orange light: the battery can be used.

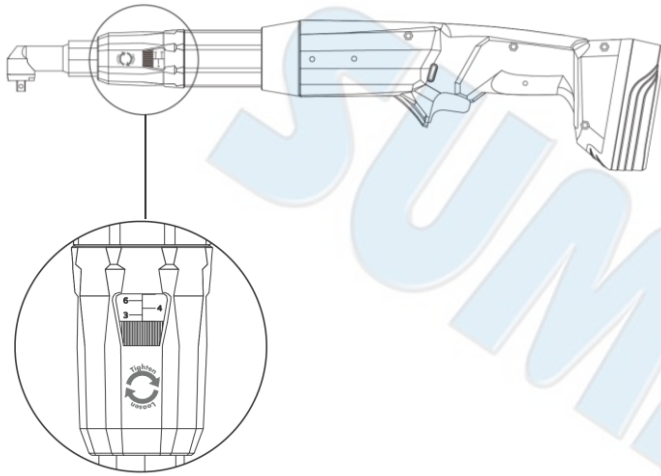


(3) Red light: the battery is low and needs to be charged or replaced

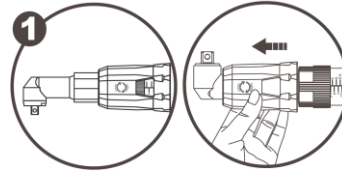


## ● Operating instructions

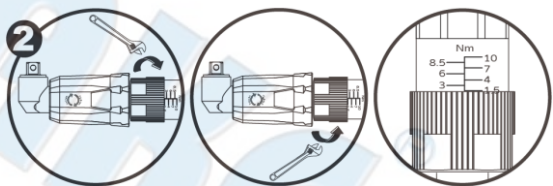
### D. Use the torque wrench to adjust torque



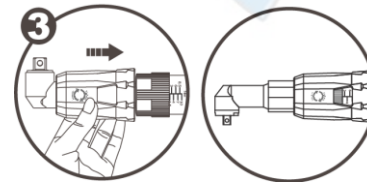
(1) Remove the torque cover by turning it counterclockwise.



(2) Rotate the wrench to adjust the torque.



(3) Return the torque cover to the original position.

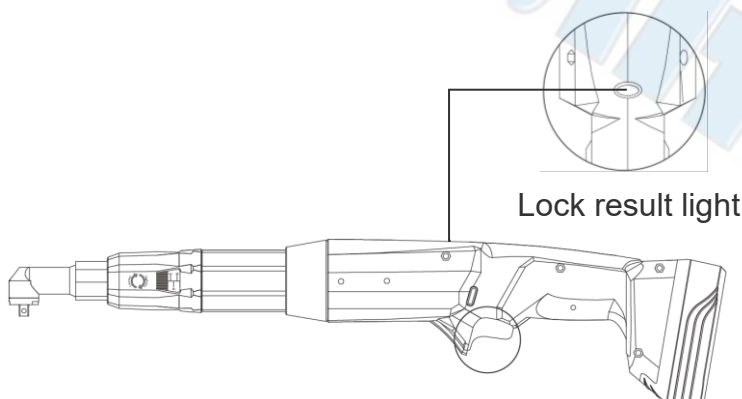


### E. Forward/Revering Lever & Trigger Lock

The lever is designed for changing rotation of the drive, and for locking the trigger in an OFF position.

Press the trigger once the LED will light, hold the trigger can lock the screw.

The rotation will automatically stop if torque reached, and the lock indication lamp is green. Red light means the lock failed.



(1) Reverse rotation



(2) To activate trigger lock



(3) Forward rotation

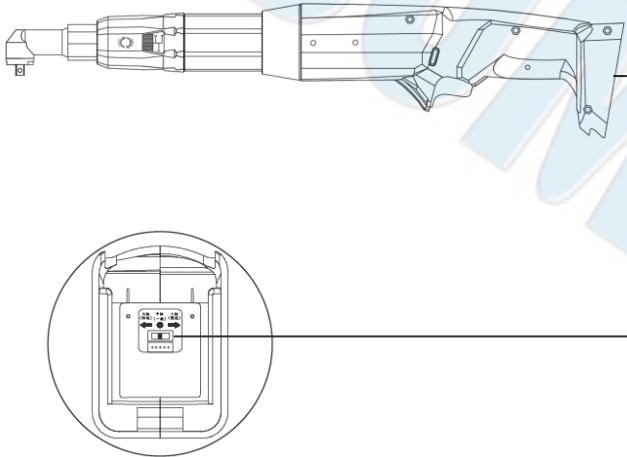


## ● Operating instructions

### F. Power saving switch

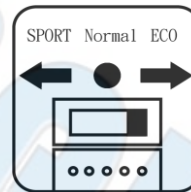
According to the object, you can change the speed for energy saving and more efficiency.

This feature is available for forward rotation.



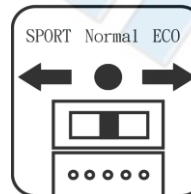
#### (1) Eco(low speed)mode :

For hard joint screwing with low speed . More energy saving and number of screwing.



#### (2) Normal mode :

For normal screwing.



#### (3) Sport(High speed)mode :

For soft joint screwing with high speed.

Power-consuming, If the clutch continuously trips or the tool overheats, please switch to Normal or Eco mode.



### G. Sleeping Mode



When tool goes into sleep mode, it shuts down the drive after five minutes.

Once awakened, the tool returns to its former operating status.

**Our company reserves the right to modify the product without prior notice.**

**NOTE**

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