18V BRUSHLESS
FULL AUTO SHUT-OFF CORDLESS SCREWDRIVER

Features :

1. **High Accuracy Assurance:** 3% deviation of torque (Shut off type), assure the best quality.
2. **Economy:** Wide-ranging torque with longer life cycle of motor (2 years Motor guarantee for shut off type).
3. **Less Counterforce:** Special mechanical structure and motor to improve operator safety and reduce occupational disease.
4. **Energy Saving:** With efficiency motor provide 8000 screws on loading 6Nm torque – ES-B1806-20 with fully charged battery.
5. **Dormancy Mode (Power saving):** Once the screwdiver idles for over 3 second, it will turn to dormancy mode to save the energy and increase the standby time.

BRUSHLESS MOTOR GUARANTEE 2 years

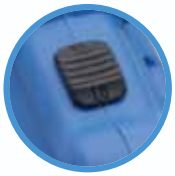
Torque Fixed Ring
Fixed ring design could prevent user from adjust the torque at will.
*For Small body Ⅰ model no. EAA-TC16A
*For Small body Ⅱ model no. EAA-TC17A

External Torque Adjustment
Adjust torque rapidly from external torque ring

Friendly Design
LED light for working in dark area

Single-Hand Operation
Push to change the rotary direction easily.
Adjust forward/reverse lever to the center position to trigger, prevent tool from misapplied.

★ With efficient motor increase the productivity.
The performance of ES-B1806-20 with full charged battery can reach to 8,000 screws on loading 6Nm torque.

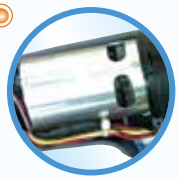


High & Low Speed Adjustment
For extended use application

OK/NG Indication
The LED Green flash –
one short buzz means "OK - Shut Off "
The LED Red flash –
one Long buzz means "NG"

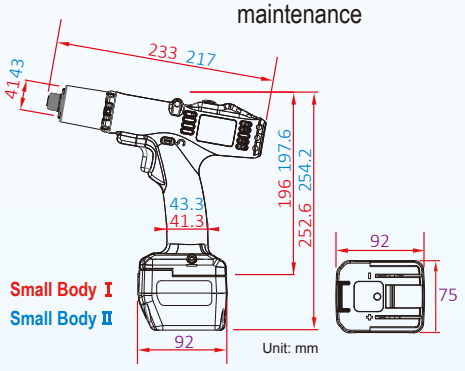
Low Cell Warning
20%: Flash Red Light - Pls change battery;
10%: Red light - Power cut off

PCB Control
- MOS Temperature Protection
- Anti-rotating Protection



Brushless Motor
Innovative Brushless motor design eliminated carbon dust pollution; result in low maintenance

Waist Hook



Specification:

Model No.	Voltage (V)	Free Speed (r.p.m)		Torque Range (±3%)			Weight (w/Battery)		Dimension (WxLxH) (mm)	Battery Pack	Bit Type
		High	Low	ft-lbs	Nm	Kgf/cm	kg	lbs			
Small Body Ⅰ											
ES-B1803-20	18	1,000	650	0.74-2.59	1.0-3.5	10-35	1.34	2.93	75x217x252	BP1820L	Standard: HEX 6.35mm; Option: Square Drive 3/8"
ES-B1803H-20		2,000	1,300	0.74-2.59	1.0-3.5	10-35	1.34	2.93	75x217x252		
ES-B1806-20		1,000	650	1.48-4.44	2.0-6.0	20-60	1.34	2.93	75x217x252		
Small Body Ⅱ											
ES-B1805H-20	18	2,200	1,400	1.48-3.69	2.0-5.0	20-50	1.48	3.25	75x233x254		
ES-B1809-20		1,000	650	2.22-6.66	3.0-9.0	30-90	1.48	3.25	75x233x254		
ES-B1812-20		880	570	4.44-8.88	6.0-12.0	60-120	1.48	3.25	75x233x254		

Model No. with "A" is for including 2 pcs Li-ion batteries. e.g.ES-B1803A-20

SUMAKE®