

Highly reliable 30 volt **BRUSHLESS** DC Motor for long operational life

**reliable maintenance-free, light weight  
low reaction force BRUSHLESS motor**

Extra Strength  
DC Power Cord



Torque  
Decrease  
or Increase

Bit can be  
changed by  
pushing the  
bit collar up

Bit Collar

## Features

- Uses Hall Switch based on magnetic induction which has theoretically infinite operational life
- Light weight Brushless Motor produces less reaction force
- Low inertia, low impact and high torque accuracy
- Low electromagnetic interference noise
- Low temperature rise rate after prolonged operational use
- Meets clean room requirements as there is no carbon pollution

## Scope of Supply

- Screwdriver
- 2 x Bits
- Power Supply
- User Manual

## Specifications

Model	ESBT-2000S	ESBT-4500	ESBT-6500	ESBT-7000	ESBT-8000
Torque	0.2 ~ 2 Kgf-cm 0.019 ~ 0.19 Nm 0.17 ~ 1.73 lbs in	1.5 ~ 10 Kgf-cm 0.14 ~ 0.98 Nm 1.30 ~ 8.68 lbs in	2 ~ 12 Kgf-cm 0.19 ~ 1.17 Nm 1.73 ~ 10.41 lbs in	7 ~ 22 Kgf-cm 0.68 ~ 2.15 Nm 6.07 ~ 19.1 lbs in	10 ~ 28 Kgf-cm 0.98 ~ 2.74 Nm 8.67 ~ 24.30 lbs in
Accuracy	±3%	±3%	±3%	±3%	±3%
Machine Screw	0.8 ~ 2mm	2 ~ 3mm	2.6 ~ 4mm	3 ~ 5mm	3 ~ 5mm
Tapping Screw	0.8 ~ 2mm	2 ~ 3mm	2.6 ~ 4mm	3 ~ 5mm	3 ~ 5mm
Speed	1400 RPM	1000 RPM	1000 RPM	1000 RPM	1000 RPM
Start	Lever	Lever	Lever	Lever	Lever
Length	223 mm	223 mm	262 mm	262 mm	262 mm
Weight	320 grams	320 grams	545 grams	545 grams	545 grams

Conversion Factor: 1 Nm = 10.20 Kgf cm = 8.85 lbf in

shown trademarks are property of their respective owners.

Warranty is 12 months from the date of invoice. It excludes motor, all other wear & tear type parts and also all physically damaged parts.

While the information contained herein in, has been carefully compiled to the best of our knowledge, nothing is intended as representation and warranty on our part; and no statement shall be construed as recommendation to infringe any of existing patents. We accept no liability of whatsoever for any faults and errors in the information contained herein. Contents of this catalogue and specifications of the products, are subject to change without notice due to continuous improvements.

Available Power Supplies for Torque Controlled Electric Screwdrivers

Model S-3 Power Supply

(Support all DC type electric screwdriver)

Stepless rotation speed adjustment  
(continuous speed variable) Power Supply



Operating Voltage : 220VAC, 50 Hz  
Output Voltage : 30VDC  
Dimension(mm) : 160x100x65mm (approx.)  
Weight : 1600 grams (approx.)

Model S-9 Power Supply

(Support all DC type electric screwdriver)

Low/high rotation speed adjustment  
(2 position speed control) Power Supply



Operating Voltage : 220VAC, 50Hz  
Output Voltage : 30VDC  
Dimension : 170x190x50mm (approx.)  
Weight : 550 grams (approx.)

Other Optional Accessories for Torque Controlled Electric Screwdrivers

Spring Balancer



P/N: SB-1200

- High quality spring for repeated push-pull with cone pulley to avoid sire sticking
- Fatigue free working in production lines
- Capacity : 0.5 ~ 1.5 Kg
- Wire Travel Range: 1.5 meters
- Weight: 300 grams

Torque Cover



P/N: B2000

- Prevents accidental change of torque setting
- Model B2000 for ESBT-2000S/ESBT-4500

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