

ESB6 CORDLESS SHUT-OFF CLUTCH SCREWDRIVERS

18 VDC Brushless Motor, Li-ion Battery

Add freedom of movement to your assembly process with the ESB6 Series Cordless Screwdrivers. These drivers utilize the same precision shut-off clutch technology that is the foundation of the Electric Screwdriver product line. High-performance 18V Lithium-Ion Batteries provide plenty of power and long run times between charging cycles.

Torque Range:

1 - 22 Nm (9 - 194 in-lbs).

Features:

- Precise Shut-off Clutch provides excellent repeatability.
- Hi/Lo Speed Selection switch on screwdriver.
- High performance 18VDC Li-Ion Batteries (purchased separately).
- Slide switch for selection of Forward/Reverse rotation; clutch operates in CCW direction at approx. 30% higher torque level than CW setting.
- Versions available with either internal or external clutch adjustment.
- Green/Red LED's and audible indicators alert operator of proper clutch function at shut-off. A green LED and short beep confirm that the tool has shut-off correctly, a red LED and long beep signal confirms an incorrect cycle.
- To conserve battery life, the screwdriver goes into sleep mode when idle for more than 3 seconds.
- Front facing LED illuminates fastening area when the trigger is pulled.
- LED indicator warns operator of low battery capacity - the red LED will flash when 20% capacity remains and light continuously at 10%.
- Charging Station (purchased separately) provides quick recharge time.



Specifications

Model Number ⁽¹⁾	Range (Nm)	Range (In-lbs)	Speed (RPM) Hi / Lo	Dimensions (mm)(in) Length x Height	Weight (kg)(lbs)	Applicable Batteries / Chargers
Models with external torque adjusting nut and reference scale						
ESB6-X3.5	1 - 3.5	9 - 30	1000 / 650	217 x 196 (mm) 8.5 x 7.7 (in) (less battery)	0.79 kg/1.7lbs (less battery)	Battery: ESB-18VL3000B Battery Charger: ESB-CHG80/1950B
ESB6-X3.5F	1 - 3.5	9 - 30	2000 / 1300			
ESB6-X6	2 - 6	18 - 53	1000 / 650			
ESB6-X5F	2 - 5	18 - 44	2200 / 1400	233 x 200 (mm) 9.2 x 7.9 (in) (less battery)	1.1 kg/2.4lbs (less battery)	
ESB6-X9	3 - 9	27 - 79	1000 / 650			
ESB6-X12	6 - 12	53 - 106	880 / 570			
Models with internal torque adjustment - open access cover and set using adjusting key						
ESB6-8	4 - 8	36 - 70	1200 / 780	214 x 197 (mm) 8.4 x 7.8 (in) (less battery)	1.0 kg/2.2lbs (less battery)	Battery: ESB-18VL3900 ESB-18VL1950 Battery Chargers: ESB-CHG120/ESB-CHG80
ESB6-12	6 - 12	53 - 106	720 / 450			
ESB6-15	4 - 15	36 - 132	600 / 380	224 x 200 (mm) 8.8 x 7.9 (in) (less battery)	1.2 kg/2.6lbs (less battery)	
ESB6-22	8 - 22	70 - 194	350 / 200			

⁽¹⁾ Standard model number is for tool with 1/4" hex bit holder. Add suffix 'SQ' for 3/8" square drive option (eg. ESB6-15SQ)

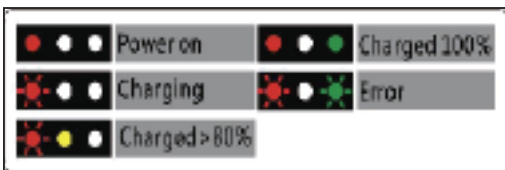
LITHIUM ION BATTERIES & BATTERY CHARGERS

Charge Stations: ESB-CHG120, ESB-CHG80, ESB-CHG80/1950

Rechargeable Batteries: ESB-18VL1950, ESB-18VL3000B, ESB-18VL3900



Display Description



Lithium-Ion Batteries

High performance lithium-ion batteries allow the ESB6 Series Screwdrivers to perform a high quantity of fastening cycles between charges. In some instances, two battery sizes are available - a standard (1950 mAh) battery and an extended life (3900 mAh) battery.

Li-Ion Battery Model Number	Rating (mAh)	Use with tool models	Dim (mm)(in) L x W x H	Weight (g)(lbs)
ESB-14VL3000	3000	Refer to Screwdriver Model Chart	107 x 75 x 43(mm) 4.2 x 2.9 x 1.7(in)	320g/0.7lbs
ESB-18VL3000B/C	3000		92 x 75 x 70(mm) 3.6 x 3.0 x 2.4(in)	430g/1lbs
ESB-18VL1950	1950		119 x 90 x 40(mm) 4.7 x 3.5 x 1.6(in)	430g/1lbs
ESB-18VL3900	3900		119 x 90 x 59(mm) 4.7 x 3.5 x 1.6(in)	720g/1.6 lbs

Battery Chargers

The ESB-CHG Battery Chargers quickly recharge the cordless screwdriver's batteries so that they are ready when needed. The charger is capable of bringing a standard battery to an 80% charge level in about 25 minutes.

Features include:

- Battery identification to help protect against charging the wrong brand/type of battery.
- Over-temperature protection, output over-voltage protection.
- Audible and visual indication when battery reaches full charge.
- ETL / CE Compliant.

Indicator lights provide visual indication of:

- Power On
- Battery Charging
- Charge exceeds 80%
- Fully Charged
- Charging Error



Approximate Battery Charge Times

Battery Model/ Capacity	ESB-CHG120	ESB-CHG70	ESB-CHG80	ESB-CHG80/1950B
ESB-14VL3000 (2500mA/hr)	-	40 min	-	-
ESB-18VL1950 (1950mA/hr)	40 min.	-	40 min.	-
ESB-18VL3900 (3900mA/hr)	60 min.	-	80 min.	-
ESB-18VL3000B/C (3000mA/hr)	-	-	-	40 min.

Battery Charger	Input	Output	Use to charge battery model	Dim (mm)(in) L x W x H	Weight (g)(lbs)
ESB-CHG80/1950B (1820B only)	90-240 VAC 50/60 Hz	21VDC, 3.2A	ESB-18VL3000B	145 x 115 x 75(mm) 5.7 x 4.5 x 2.9(in)	460g/1.0lbs
ESB-CHG70 (standard charger)		16.8V, 3.2A	ESB-14VL3000	107 x 75 x 43(mm) 4.2 x 2.9 x 1.7(in)	530g/1.2lbs
ESB-CHG80 (standard charger)		21VDC, 3.2A	ESB-18VL1950/ESB-18VL3900	115 x 145 x 80(mm) 4.5 x 5.7 x 3.1(in)	530/1.2lbs
ESB-CHG120** (premium charger)		21VDC, 3.0-4.5A	ESB-18VL1950/ESB-18VL3900	170 x 160 x 80(mm) 6.7 x 6.3 x 3.1(in)	1068/2.4lbs

**Premium Charger Model ESB-CHG120 has a built-in cooling fan and an LCD display which shows Charge Time, Cell Temperature, Battery Voltage, Recharge Status and Battery ID verification.