

ESB8 INLINE BRUSHLESS SCREWDRIVERS

Torque Range:

0.2–4.5 Nm (2.7–40 in-lbs)

Features:

- Consistent torque output — Torque accuracy $\pm 3\%$ *
- Clean, brushless motor technology
- Dependable, long lifespan
- Two speed selections available
- Lever start, forward/reverse switch
- LEDs and audible indicators alert user to proper clutch activation at shut-off, low battery, and current speed setting
- To conserve battery power, screwdriver enters sleep mode when idle for more than 3 seconds
- Charging station (purchased separately) provides quick recharge time (~45 minutes)
- Includes torque lock sleeve, belt clip, suspension bail, and 2 driver bits (PH #1 + PH #2)

ESB823(F)



ESB828

ESB828/RA

*Factory test values - actual torque results may vary depending on the specific application, operator input, and test equipment used.

| Model | | In-Line | | | | | Right Angle | | | |
|-----------------------------|--------|----------------------------|----------|------------|-----------------------------|-----------|-------------|-----------------------------|-----------|--|
| | | ESB823 | ESB823F | ESB824 | ESB828 | ESB829 | ESB824/RA | ESB828/RA | ESB829/RA | |
| Input Voltage | | 7.2V | | | 10.8V | | | 10.8V | | |
| Torque Range | Nm | 0.2–1.2 | | 0.3–2.0 | 0.8–3.0 | 1.5–4.5 | 0.3–1.6 | 0.8–2.4 | 1.5–3.6 | |
| | in-lbs | 1.8–10.6 | | 2.7–18 | 7.1–27 | 13–40 | 2.7–14 | 7.1–21 | 13–32 | |
| Speed (rpm) | | 500 / 350 | 1000/700 | 1200 / 850 | | 700 / 500 | 1200 / 850 | | 700 / 500 | |
| Start Type | | Lever | | | | | Lever | | | |
| Weight (w/o battery) | | 0.5kg (1.1lbs) | | | 0.7kg (1.5lbs) | | | 0.95kg (2.1lbs) | | |
| Size (L x H w/o battery) | | 225 x 62 mm (8.8 x 2.4 in) | | | 270 x 60 mm (10.6 x 2.4 in) | | | 320 x 60 mm (12.6 x 2.4 in) | | |
| Applicable Battery | | ESB-7VL2500 | | | ESB-10VL2500 | | | ESB-10VL2500 | | |
| Applicable Charging Station | | ESB-CHG25 | | | ESB-CHG50N | | | ESB-CHG50N | | |
| Applicable Bit Type | | 1/4" Hex | | | | | 1/4" Hex | | | |

*ESD-safe housing available on all models— add suffix 'ESD'



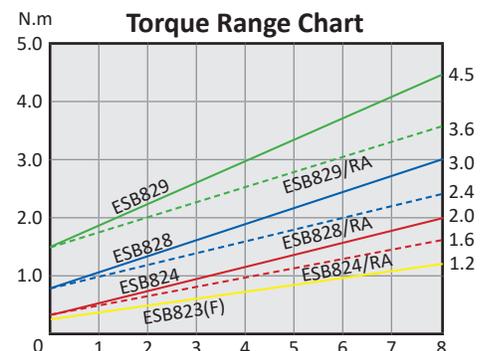
Compatible with
DR90-10104
Tool Balancer



LED indicators

| | |
|--------|----------------|
| Top | OK Clutch |
| | NG Clutch |
| Bottom | Low Speed Mode |
| | Low Battery |

Torque Range Chart



LITHIUM ION BATTERIES & BATTERY CHARGERS

ESB-7VL2500 & ESB-10VL2500 Battery

Features:

- High-performance Li-ion technology
- Built-in protection prevents battery overcharge and over discharge, extending lifespan

| Specifications | | |
|------------------------|-------------------------------------|-------------------------------------|
| Battery Model | ESB-7VL2500 | ESB-10VL2500 |
| Use with Tool Model | ESB823(F) | ESB8 Series, BSP8 Series |
| Voltage | 7.2V | 10.8V |
| Rating (mAh) | 2500 | |
| Dimensions (L x W x H) | 51 x 44 x 70 mm 2 x 1.7 x 2.7 in | 51 x 46 x 90 mm 2 x 1.8 x 3.5 in |
| Weight | 119.3g / 0.3 lbs | 200g / 0.4 lbs |
| Certification | CE, ETL | |



ESB-CHG25 & ESB-CHG50N Charging Station

Features:

- Visual indicators show recharging status
- Audibly notifies user when battery is fully charged
- Full recharge ~40 minutes

| Specifications | | |
|------------------------|--|---|
| Charger Model | ESB-CHG25 | ESB-CHG50N |
| Charges Battery Model | ESB-7VL2500 | ESB-10VL2500 |
| Input | 100-240V | 90-240V |
| Output | 8.4V, 3.0A | 12.6V, 3.75A |
| Dimensions (L x W x H) | 145 x 115 x 101 mm 5.7 x 4.5 x 3.9 in | 145 x 115 x 93 mm 5.7 x 4.5 x 3.6 in |
| Weight | 430g / 0.9 lbs | 470g / 1.0 lbs |
| Certification | CE, ETL | |

