



# E-LIT SERIES

Battery  
Tool Range

*Mobility*  
*Ergonomics*  
*Reporting*

**More Than Productivity**

# E-LIT : Optimize Your Performance

## Focus













# SPEED SETTING

## For ELS and ELC models

### CHARACTERISTICS

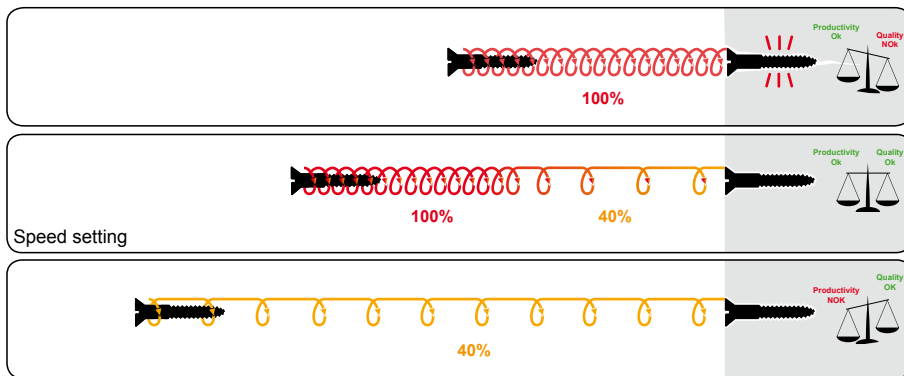
- 
**1. Visual feedback with LED'S**
  - OK / NOK visual and sound report
  - Rehit protection
  - Battery charge level
  - Low battery shut off
- 
**2. High sensitive clutch**
  - Exceptional accuracy
  - Fast shut-off for no reaction force
- 
**3. Non contact trigger**
  - Maintenance free
  - Soft and easy touch
- 
**4. Reverse button**
  - One touch reverse
  - Left-hand or right-hand operation
- 
**5. Ergonomic handle**
  - Avoid Repetitive Strength Injuries
  - Perfectly balanced grip design
  - Rebalancing possibility with the two battery positions
- 
**6. Brushless motors**
  - Quiet
  - Maintenance free
- 
**7. Dual battery position**
  - Optimized access in tight areas
  - Operator confort in over head application
- 
**8. Lithium-ion technology**
  - No memory effect
  - Best power / weight ratio



**Everything needed to optimize your assembly process**

**Guarantee quality and keep high productivity**

- Decrease final speed to ensure tightening quality
- Avoid quality defects in your final product
- Decrease starting speed to facilitate bolt engagement



**Two speed setting easily controlled by external module**

- Total counter display
- OK counter display
- Run down speed
- Final speed
- Turn counter

## E-LIT CONFIG software

**Manage your E-LIT tools**

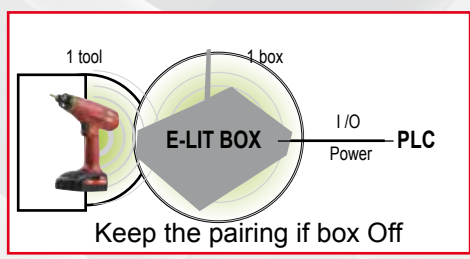
- Save your E-LIT tool setting
- Use your own tool ID
- Upload saved setting on new tools
- Go further on the setting possibility



# E-LIT BOX: For Poka-Yoke Application

## Focus

Wireless communication  
 IEEE 802.15.4 standard.  
 Fast reconnection time and  
 Low consumption



**Pairing**

- Easy Pairing with dedicated button
- Keep the pairing if box Off

**Poka-Yoke application**

- OK/NOK Management
- Batch count : up to 4 different batch settings
- Batch count strategy
- Cross thread prevention

**Connection**








- Integrated power supply switch (24 V power switch)
- M12 male connector 24 V power supply and 4 digital INPUTS
- M12 female connector 8 Digital OUTPUTS
- USB port for an easy and fast connection to setting software







### CHARACTERISTICS

- 
**1. Wireless communication**
  - Industrial wireless communication system (with 802-15-4 Technology)
  - Low consumption
  - Fast connection
  - Long range communication
- 
**2. Poka-Yoke application**
  - OK/NOK Management
  - Batch count : up to 4 different batch settings
  - Batch count strategy
  - Cross thread prevention
- 
**3. Maintenance alert**
  - Every 250 000 cycles for 36 V tools
  - Every 500 000 cycles for 18 V tools
- 
**4. Safe report**
  - Memorize up to 25 OK/NOK reports if lost communication
- 
**5. Excellent Ergonomics**
  - Operator comfort
  - Rebalancing with the two battery positions
- 
**6. Fast to connect**
  - Automatic free channel search
  - Easy pairing process
- 
**7. Visual feedback**
  - Tightening OK / NOK
  - Batch status
  - Tool disable
  - Maintenance alert
  - Rehit prevention

## EASY PAIRING PROCESS

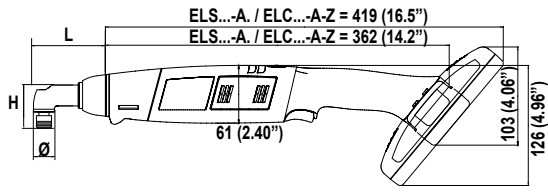
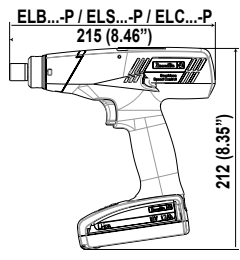
1. Press the "Easy Pairing" Button
2. Power on the E-LIT BOX



3. Press both, tool trigger and reverse, while inserting battery pack
4. Pairing completed



# Accessories



MODEL	H		L		Ø	
	mm	in	mm	in	mm	in
ELS7 / ELC7	45.5	1.79	75.7	2.98	22	0.87
ELS15 / ELC15	41.5	1.63	75.7	2.98	22	0.87
ELS30 / ELC30	45.5	1.79	134.2	5.28	28	1.10
ELS45 / ELC45	51.1	2.01	144.6	5.69	35	1.38
ELS60 / ELC60	57.1	2.25	158.5	6.24	40	1.57

## OPTIONAL ACCESSORIES

ITEM		PISTOL	ANGLE HEAD 18V	ANGLE HEAD 36V	ELC TOOLS	PART NO.
<b>Battery type</b>						
1	Li-ion Battery 18V 2.1 Ah - 0.35 kg (0.77lb)	✓	✓		✓	615 812 099 0
2	Li-ion Battery 18V 4.2 Ah - 0.60 kg (1.32lb)	✓	✓		✓	615 812 100 0
3	Li-ion Battery 36V 2.1 Ah - 0.60 kg (1.32lb)			✓	✓	615 811 924 0
<b>Chargers</b>						
4	For Li-ion Battery 18 / 36V - 100 / 240V	✓	✓	✓	✓	615 811 654 5
<b>Protective covers - Tools</b>						
5	For Pistol - Clear	✓			✓	615 396 870 0
5	For Pistol - Black	✓			✓	615 211 030 0
5	For Pistol - Blue	✓			✓	615 211 031 0
5	For Pistol - Red	✓			✓	615 211 032 0
5	For Pistol - Grey	✓			✓	615 211 033 0
5	For Body angle head - Black		✓	✓	✓	615 211 004 0
5	For Body angle head - Blue		✓	✓	✓	615 211 025 0
5	For Body angle head - Red		✓	✓	✓	615 211 026 0
5	For Body angle head - Grey		✓	✓	✓	615 211 027 0
6	For Angle <15Nm - Black		✓		✓	615 397 672 0
6	For Angle 30Nm - Black			✓	✓	615 573 214 0
6	For Angle 45Nm - Black			✓	✓	615 573 215 0
6	For Angle 60Nm - Black			✓	✓	615 211 005 0
<b>Protective covers - Battery</b>						
7	For Battery 18V 2.1Ah - Clear	✓	✓		✓	615 396 871 0
7	For Battery 18V 2.1Ah - Black	✓	✓		✓	615 211 041 0
7	For Battery 18V 2.1Ah - Blue	✓	✓		✓	615 211 042 0
7	For Battery 18V 2.1Ah - Red	✓	✓		✓	615 211 043 0
7	For Battery 18V 2.1Ah - Grey	✓	✓		✓	615 211 044 0
7	For Battery 18V 4.2Ah / 36V 2.1Ah - Clear	✓	✓	✓	✓	615 396 872 0
7	For Battery 18V 4.2Ah / 36V 2.1Ah - Black	✓	✓	✓	✓	615 211 046 0
7	For Battery 18V 4.2Ah / 36V 2.1Ah - Blue	✓	✓	✓	✓	615 211 047 0
7	For Battery 18V 4.2Ah / 36V 2.1Ah - Red	✓	✓	✓	✓	615 211 048 0
7	For Battery 18V 4.2Ah / 36V 2.1Ah - Grey	✓	✓	✓	✓	615 211 049 0
<b>Miscellaneous</b>						
	• Kit Overmould Presto (x10 pcs)					615 211 057 5
8	Speed Setting Module (ELS/ELC version)	✓	✓	✓	✓	615 396 829 0
9	Pistol tool holster	✓			✓	615 804 914 0
10	Side handle - Pistol	✓			✓	615 396 757 0
11	Suspension bail - Pistol	✓			✓	443 703
12	Kit colour rings - Pistol (7 colors: white, yellow, orange, green, blue, purple, grey)	✓			✓	615 396 742 5
12	Kit colour rings - Angle tools (8 colors: white, yellow, orange, green, blue, purple, grey, black)		✓	✓	✓	615 970 114 5
13	Kit Nose Crowfoot	✓			✓	615 810 695 0
14	E-LIT BOX-V2				✓	615 936 310 0
15	Power supply E-LIT BOX				✓	615 927 053 0
16	eDOCK	✓	✓	✓	✓	615 811 976 0
	• E-LIT CONFIG software	✓	✓	✓	✓	-
<b>Desoutter Tool Holsters</b>						
17	DTH-42	✓			✓	107892
18	DTH-90	✓			✓	615 812 119 0
19	DTH TWIN (single) without rail		✓	✓	✓	615 811 411 0
20	DTH TWIN rail kit with 2 Twin holders		✓	✓	✓	615 811 412 5
21	DTH TWIN stand kit with 2 Twin holders		✓	✓	✓	615 811 413 5
	• License Elit PC Level 1				✓	615 927 685 0



# E-LIT Series

0.4 to 60 Nm (3.5 to 530 in.lb) - 50 to 1550 rpm



PIC REF	MODEL	PART NUMBER	TORQUE RANGE		ROTATIONAL SPEED	OUTPUT DRIVE	WEIGHT WITHOUT BATTERY		VOLTAGE
			Nm	in.lb			kg	lb	

## E-LIT PLUS - ELECTRONIC BRUSHLESS MOTOR

A	ELB 2.5-1250-P	615 165 415 0	0.4-2.5	3.5-22	1250	Hex. 1/4 F	0.8	1.76	18
A	ELB 6-900-P	615 165 416 0	0.8-6	7.1-53	900	Hex. 1/4 F	0.8	1.76	18
A	ELB 6-670-P	615 165 440 0	0.8-6	7.1-53	670	Hex. 1/4 F	0.8	1.76	18
A	ELB 8-670-P	615 165 417 0	1.5-8	13.3-70	670	Hex. 1/4 F	0.8	1.76	18
A	ELB 12-600-P	615 165 418 0	3-12	26.5-106	570	Hex. 1/4 F	0.8	1.76	18

## E-LIT PREMIUM - ELECTRONIC BRUSHLESS SPEED SETTING

A	ELS 2.5-1550-P	615 165 419 0	0.4-2.5	3.5-22	500-1550	Hex. 1/4 F	0.8	1.76	18
A	ELS 6-1000-P	615 165 420 0	0.8-6	7.1-53	300-1000	Hex. 1/4 F	0.8	1.76	18
A	ELS 8-400-P	615 165 605 0	1.5-8	13.3-70	120-400	Hex. 1/4 F	0.8	1.76	18
A	ELS 8-800-P	615 165 421 0	1.5-8	13.3-70	300-765	Hex. 1/4 F	0.8	1.76	18
A	ELS 8-400-P4S	615 165 825 0	1.5-8	13.3-70	120-400	Sq. 1/4	0.8	1.76	18
A	ELS 12-600-P	615 165 422 0	3-12	26.5-106	250-570	Hex. 1/4 F	0.8	1.76	18
A	ELS 12-400-P4S	615 165 826 0	3-12	26.5-106	120-400	Sq. 1/4	0.8	1.76	18
B	ELS 7-360-A4S	615 165 725 0	1.5-7	13.3-62	120-360	Sq. 1/4	1.2	2.6	18
B	ELS 7-880-A	615 165 628 0	1.5-7	13.3-62	400-880	Hex. 1/4 F	1.2	2.6	18
B	ELS 15-480-A	615 165 629 0	5-15	44.2-133	200-480	Sq. 3/8	1.2	2.6	18
B	ELS 15-480-A4S	615 165 839 0	5-15	44.2-133	200-480	Sq. 1/4	1.2	2.6	18
C	ELS 30-300-A	615 165 630 0	10-30	88.5-265	100-300	Sq. 3/8	1.5	3.3	36
C	ELS 45-180-A	615 165 631 0	20-45	177-398	50-180	Sq. 3/8	1.5	3.3	36
D	ELS 60-160-A	615 165 632 0	25-60	220-530	50-160	Sq.1/2	1.97	4.33	36

## E-LIT WIRELESS - COMMUNICATION WITH E-LIT BOX

A	ELC 6-1000-P-Z	615 165 701 0	3-6	26.5-53	300-1000	Hex. 1/4 F	0.8	1.76	18
A	ELC 8-400-P-Z	615 165 702 0	3-8	26.5-70	120-400	Hex. 1/4 F	0.8	1.76	18
A	ELC 8-800-P-Z	615 165 703 0	3-8	26.5-70	300-765	Hex. 1/4 F	0.8	1.76	18
A	ELC 12-600-P-Z	615 165 704 0	3-12	26.5-106	250-570	Hex. 1/4 F	0.8	1.76	18
B	ELC 7-360-A4S-Z	615 165 726 0	3-7	26.5-62	150-360	Sq. 1/4	1.2	2.6	18
B	ELC 7-880-A-Z	615 165 707 0	3-7	26.5-62	400-880	Hex. 1/4 F	1.2	2.6	18
B	ELC 15-480-A-Z	615 165 708 0	5-15	44.2-133	200-480	Sq. 3/8	1.2	2.6	18
C	ELC 30-300-A-Z	615 165 709 0	10-30	88.5-265	100-300	Sq. 3/8	1.5	3.3	36
C	ELC 45-180-A-Z	615 165 710 0	20-45	177-398	50-180	Sq. 3/8	1.5	3.3	36
D	ELC 60-160-A-Z	615 165 711 0	25-60	220-530	50-160	Sq.1/2	1.97	4.33	36

Battery not included in standard offering



# More Than Productivity



[www.desouttertools.com](http://www.desouttertools.com)