

IMPACT WRENCH BATTERY TYPE

BAHCO
DORTMUND

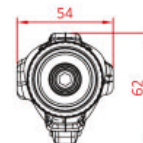
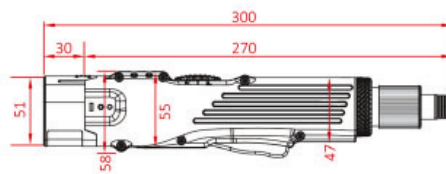
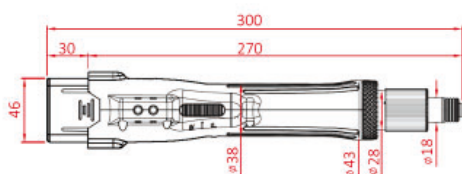
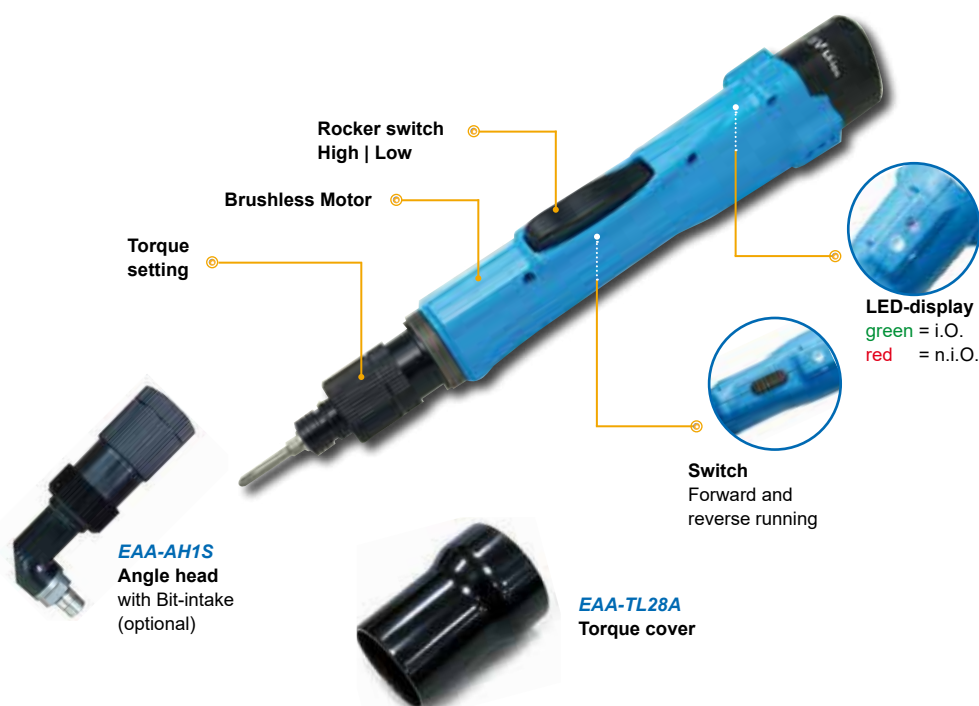


BRUSHLESS IMPACT WRENCH BATTERY TYPE

BAHCO

Special features:

1. High shut-off accuracy: $\pm 3\%$ within the named torque range
2. Brushless motor, no carbon brush contamination, low maintenance
3. Energy-saving mode: If the screwdriver is not in operation for more than 3 seconds, it switches to "standby mode"



Technical data

Type	Voltage [V]	Free speed [min ⁻¹]		Torque range (±3%) [Nm]	Weight w. Battery [kg]	Dimensions (LxHxB) [mm]	Battery Pack	Bit type
		high	low					
ES-BS1002-25	10.8	1,200	850	0.3 - 2.0	0.	300 x 62 x 54	BP1025L	Hex. 6,35mm
ES-BS1003-25		1,200	850	0.8 - 3.0	9			
ES-BS1004-25		700	500	1.5 - 4.5				

BRUSHLESS BATTERY-POWERED SHUT-OFF ANGLE IMPACT WRENCH 18V

BAHCO
DORTMUND



Angle head 360° adjustable in 45° turns in 8 different positions

Color rings for easy identification



Torque adjustment



Hanger clip



High & Low switch

Power Light

LED-signal light

Brushless motor

One hand switch
Forward and reverse running

Waist hook

Wrist strap

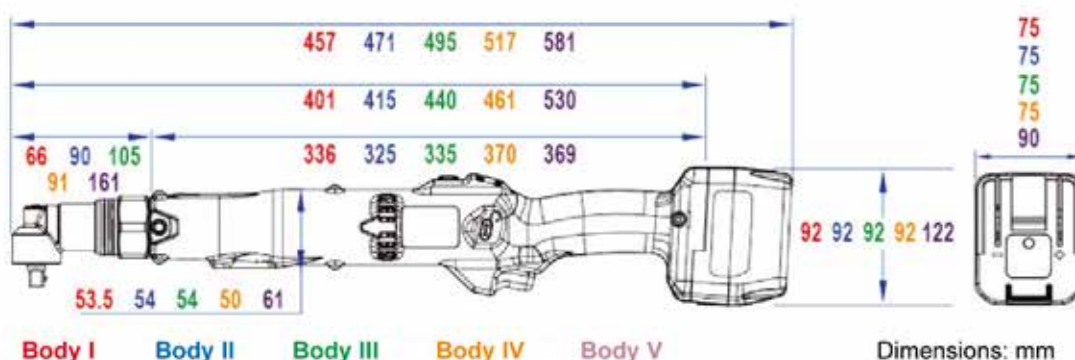


BRUSHLESS BATTERY-POWERED SHUT-OFF ANGLE SCREWDRIVER 18V

Protection and safety precautions

The integrated LED prevents unnoticed failure of the screwdriver or screwing.. Depending on the type of fault, the LED will light up differently. This could be on a decrease in speed or power or may be an overcurrent created by a motor blockade and / or an unusually high rise of temperature.

To save energy, if the screwdriver is not used for a few seconds, it automatically switches into "standby mode" it nor used for few seconds.



BRUSHLESS BATTERY-POWERED SHUT-OFF ANGLE SCREWDRIVER 18V

BAHCO
DORTMUND

Technical data

Type	Voltage [V]	Free speed [min ⁻¹]		Torque range (±3%) [Nm]	Weight w. Battery [kgs]	Dimensions (LxHxB) [mm]	Battery- pack	Charger option	Standard Type	optionale Type
		high	low							
Body I								BC21L01	B Hex. 6,35	 Squ. drive 3/8"
EAS-B1805H-20	18	1,200	800	2 - 5	1.25	75x457x92	BP1820L			
EAS-B1807-20	18	850	550	2.5 - 7	1.25	75x457x92	BP1820L			
Body II								BC21L04		
EAS-B1812-20	18	550	350	6 - 12	1.50	75x471x92	BP1820L			
EAS-B1815-20	18	350	220	8 - 15	1.50	75x471x92	BP1820L			
Body III								BC21L01	B Hex. 6,35	W Squ. drive 3/8"
EAS-B1808H-20	18	1,200	800	3 - 8	1.90	75x495x92	BP1822L			
EAS-B1815H-20	18	800	550	8 - 15	1.90	75x495x92	BP1822L			
Body IV								BC21L04		W Squ. drive 3/8"
EAW-B1830-20	18	420	270	12 - 30	1.90	75x517x92	BP1822L			
Body V								BC21L01 BC21L02 BC21L04	W Squ. drive 1/2"	--
EAW-B1845-40	18	200	130	15 - 45	2.85	90x581x122	BP1841L			
EAW-B1860-40	18	200	130	25 - 60	2.85	90x581x122	BP1841L			

*Free load speed will be fixed when battery volume is more than 17V (17 ~ 21V)

CHARGER

Identification of original battery device:

identify whether the battery is original or not, if not, the battery can not be charged.



BC21L01

21 Volt charger

Weight: 1,21 kgs



BC21L02

Weight: 0,53 kgs

BC21L03

21 Volt charger

Weight: 0,55 kgs



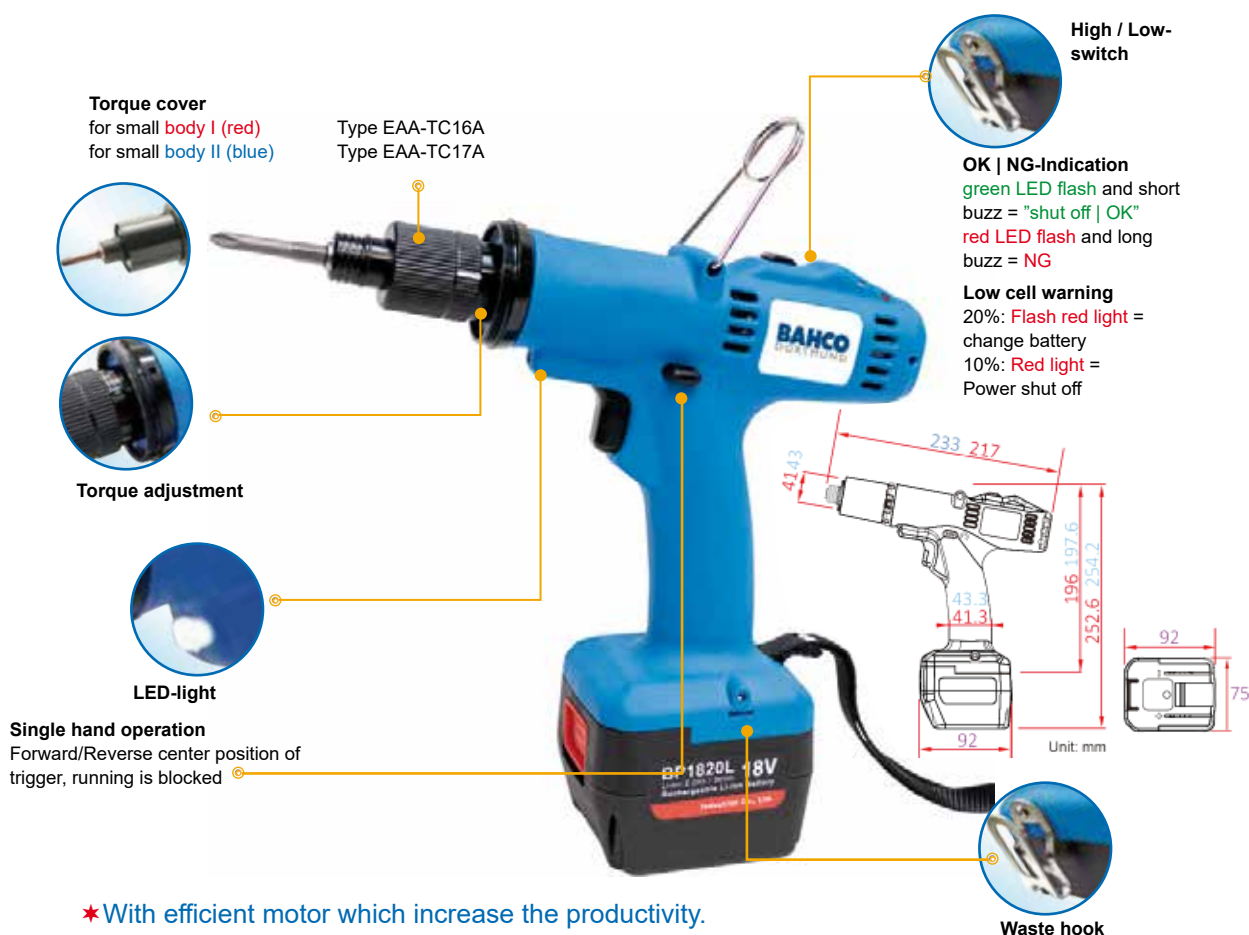
BC21L04

21 Volt charger

Weight: 0,53 kgs

Special features

1. High shut-off accuracy: $\pm 3\%$ within the particular torque range
2. Brushless motor, no pollution by carbon brush dust, lower maintenance
3. Energy saving mode: If the screwdriver is not in operation for more than 3 seconds, it switches to „standby mode“



★ With efficient motor which increase the productivity.

Technical data

Type	Voltage [V]	Free speed [min ⁻¹]		Torque range (±3%) [Nm]	Weight w. Battery [kgs]	Dimensions (LxHxB) [mm]	Battery pack	Bit type
		high	low					
small body I							BP1820L	Hex. 6,35mm  oder  Square drive 3/8"
ES-B1803-20	18	1,000	650	1.0 - 3.5	1.34	75x226x252		
ES-B1803H-20		2,000	1,300	1.0 - 3.5	1.34	75x226x252		
ES-B1806-20		1,000	650	2.0 - 6.0	1.34	75x226x252		
long body II								
ES-B1805H-20	18	2,200	1,400	2.0 - 5.0	1.48	75x231x254		
ES-B1809-20		1,000	650	3.0 - 9.0	1.48	75x231x254		
ES-B1812-20		880	570	6.0 - 12.0	1.48	75x231x254		

BRUSHLESS FULL AUTO SHUT-OFF IMPACT WRENCH BATTERY TYPE 18V

BAHCO
DORTMUND



3/8" Square drive (Order with suffix "W")



Color rings give you an easily visible torque making system at a glance.



Additional handle for right or left hand operation



Torque wrench



Dimensions: mm

ES-B1808L-20

ES-B1808L-40

ES-B1812L-20

ES-B1812L-40

2.0Ah Li-Ion battery

ES-B1815L-40

ES-B1822L-40

4.0Ah Li-Ion battery

(for longer operating times)

★ With efficient motor which increase the productivity.

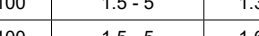
Technical data

Type	Voltage [V]	Free speed [min ⁻¹]			Torque range (±3%) [Nm]	Weight w. battery [kgs]	Dimensions (LxHxB) [mm]	Battery pack	Bit type
		high	mid	low					
with shut off coupling									Hex. 6,35 mm
ES-B1808L-20	18	1.200	---	780	4 - 8	1.35	90x214x227	BP1821L	 option  Square drive 3/8"
ES-B1808L-40		1.200	---	780	4 - 8	1.60	90x214x247	BP1841L	
ES-B1812L-20	18	720	---	450	5 - 12	1.35	90x214x227	BP1821L	
ES-B1812L-40		720	---	450	5 - 12	1.60	90x214x247	BP1841L	
ES-B1815L-40	18	600	---	380	6 - 15	1.65	90x214x250	BP1841L	
ES-B1822L-40		350	---	200	8 - 22	1.90	90x214x250	BP1841L	



ESS-B1805-20 **ESS-B1805-40**
ESS-B1808-20 **ESS-B1808-40**
ESS-B1812-20 **ESS-B1812-40**
 2.0Ah Li-Ion battery 4.0Ah Li-Ion battery
 (for longer operation times)

Technical data

Type	Voltage [V]	Free speed [min ⁻¹]			Torque range (±3%) [Nm]	Weight w. battery [kgs]	Dimensions (LxHxB) [mm]	Battery pack	Bit type
		high	mid	low					
with slip coupling									Hex. 6,35 mm
ESS-B1805-20	18	2,200	1.600	1,100	1.5 - 5	1.35	90x188x232	BP1821L	
ESS-B1805-40		2,200	1.600	1,100	1.5 - 5	1.60	90x188x252	BP1841L	
ESS-B1808-20	18	1,200	900	600	4 - 8	1.35	90x188x232	BP1821L	option 
ESS-B1808-40		1,200	900	600	4 - 8	1.60	90x188x252	BP1841L	
ESS-B1812-20	18	700	500	350	6 - 12	1.35	90x188x232	BP1821L	Sqaure drive 3/8"
ESS-B1812-40		700	500	350	6 - 12	1.60	90x188x252	BP1841L	

BRUSHLESS FULL AUTO SHUT-OFF IMPACT WRENCH BATTERY TYPE 18V

BAHCO
DORTMUND

Special features:

- 1) 5 torque ranges adjustable from the outside, visible by LED lights
- 2) brushless motor, eliminates carbon dust pollution; low maintenance
- 3) Low weight and easy operation



5 modes torque for operation: EW/ESM-B1850-20

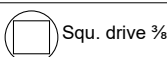
1. Light: 0-7 Nm
2. Light: 0-15 Nm
3. Light: 0-25 Nm
4. Light: 0-35 Nm
5. Stufe: 0-50 Nm

5 modes torque for operation: EW/ESM-B18100-20

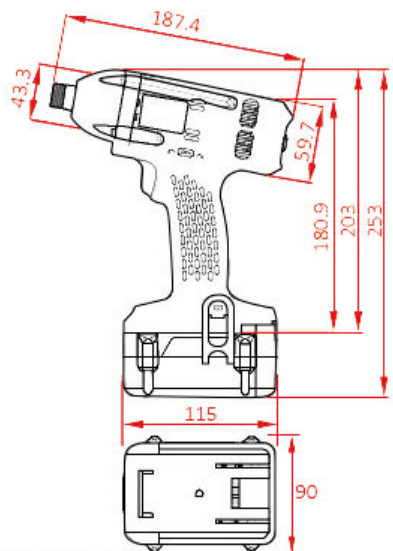
1. Light: 0-20 Nm
2. Light: 0-40 Nm
3. Light: 0-60 Nm
4. Light: 0-80 Nm
5. Light: 0-100 Nm

★ With efficient motor which increase the productivity.

Technical data

Type	Voltage [V]	Free speed [min ⁻¹]	Impact/ min. [b.p.m.]	Torque [Nm]	Weight w. battery [kgs]	Dimensions (LxHxB) [mm]	Battery pack	Bit type
ESM-B1850-20	18	0 - 2,300	0 - 3,000	0 - 50	1.0	155x75x250	BP1820L	
ESM-B18100-20		0 - 2,300	0 - 3,000	0 - 100	1.45	155x75x250	BP1820L	
EW-B1850-20	18	0 - 2,300	0 - 3,000	0 - 50	1.0	155x75x250	BP1820L	
EW-B18100-20		0 - 2,300	0 - 3,000	0 - 100	1.45	155x75x250	BP1820L	

BRUSHLESS IMPACT CORDLESS WRENCH / IMPACT BATTERY TYPE 18V



Dimensions: mm



Torque range

H: 0 - 160 Nm

M: 0 - 120 Nm

L: 0 - 80 Nm

ESM-818160-20

2.0Ah Li-Ion battery

ESM-818160-40

4.0Ah Li-Ion battery

1/4" (6,35 mm) Hex.

160 Nm, 2.100 min⁻¹

Torque range

H: 0 - 200 Nm

M: 0 - 160 Nm

L: 0 - 120 Nm

EW-B18200-20

2.0Ah Li-Ion battery

EW-B18200-40

4.0Ah Li-Ion battery

1/2" square drive

200 Nm, 2.300 min⁻¹



Torque adjustment
Hi | Mid | Low



Low cell warning
20% Flash red light
10% Red light



Extra plastic cover
Dissipate heat for increased comfort

Technical data

Type	Voltage [V]	Free speed [min ⁻¹]	Impact/ min. [b.p.m]	Torque [Nm]	Weight w. battery [kgs]	Dimensions (LxHxB) [mm]	Battery pack	Bit type
ESM-B18160-20	18	2,100	2,800	160	1.45	90x187.4x233	BP1821L	Hex. 6,35 mm
ESM-B18160-40		2,100	2,800	160	1.70	90x187.4x253	BP1841L	Squ. drive 1/2"
ESM-18200-20	18	2,300	3,800	200	1.45	90x187.4x233	BP1821L	Squ. drive 1/2"
ESM-B18200-40		2,300	3,800	200	1.70	90x187.4x253	BP1841L	Squ. drive 1/2"

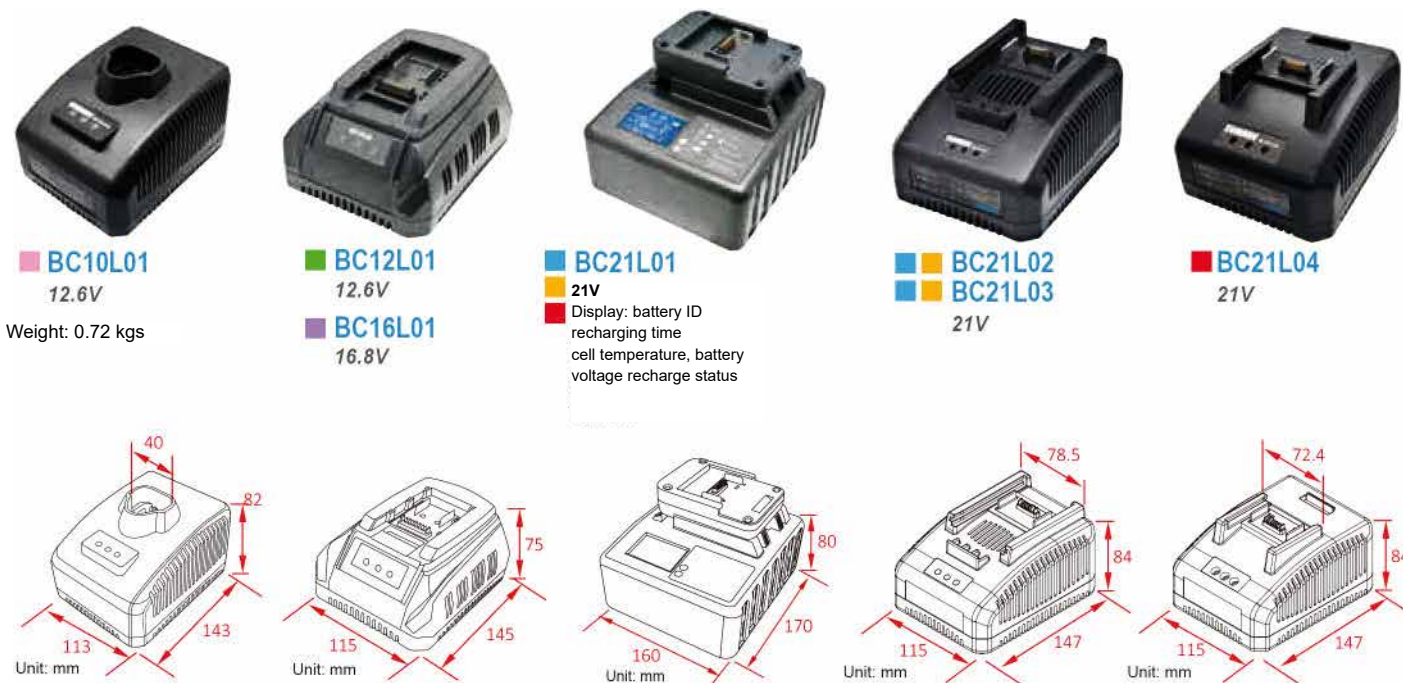
LITHIUM ION BATTERY



CHARGER

BC21L01			
		Power on	1 short buzz
		Charging	
		Charging > 80%	
		Fully charged	3 x long buzz
		Incorrect battery type or battery NG	short buzz continnously

		BC21L02	BC21L03 / BC21L04
	Power on	---	1 short buzz
	Charging	---	---
	Charging > 80%	---	---
	Fully charged	---	3 x langer Summton
	Incorrect battery type or battery NG	---	short buzz continnously



Selection table / Technical data

Type	In out voltage	Out out voltage	Out out current	ID bat. type	Charging time	LCD	Warning (buzz)	Weight [kgs]	Battery Typ	Features
BC10L01B	90 - 240V	12.6V	3.75A	•	Abt. 40 min.	X	•	0.47		1. Battery temp. protection 2. PCB temp. control 3. Charging protection 4. Overcurrent protection 5. Overvoltage protection
BC12L01B	90 - 240V	12.6V	3A	•	Abt. 40 min.	X	•	0.46		
BC16L01B	90 - 240V	16.8V	3A	•	Abt. 40 min.	X	•	0.46		
BC21L01B	90 - 240V	21V	3.0 - 4.5A	•	1.95 AH: Abt. 40 min. 3.9 AH: Abt. 60 min.	•	•	1.21		
BC21L02	90 - 240V	21V	3.2A	X	1.95 AH: Abt. 40 min. 3.9 AH: Abt. 80 min.	X	X	0.53		
BC21L03	90 - 240V	21V	3.2A	•	1.95 AH: Abt. 40 min. 3.9 AH: Abt. 80 min.	X	•	0.55		
BC21L04B	90 - 240V	21V	3.2A	•	2.0 AH: Abt. 40 min.	X	•	0.53		

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