



Precision Clutch Industrial Cordless Screwdrivers



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SKC-PTA CORDLESS SHUT-OFF CLUTCH SCREWDRIVERS

Add freedom of movement to your assembly process with the Kilews West SKC-PTA Series Cordless Screwdrivers. These drivers utilize the same precision shut-off clutch technology that is the foundation of the Kilews West 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 LEDs 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 alerts of 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.
- Tool is disabled when battery charge gets too low to properly run tool
- Charging station (purchased separately) provides quick recharge time



Specifications

Model*	Torque Range		Speed (rpm) Hi / Lo	Dimensions (LxH w/o Battery)	Weight (w/o Battery)	Applicable Batteries & Chargers
	Nm	In-lbs				
Models with external torque adjusting nut and reference scale						
SKC-PTA-B35	1–3.5	9–30	1000 / 650	217 x 196 mm 8.5 x 7.7 in	0.79 kg 1.7 lbs	<u>Battery:</u> SKC-LB1830B <u>Battery</u> <u>Charger:</u> SKC-P80W-D
SKC-PTA-B35F	1–3.5	9–30	2000 / 1300			
SKC-PTA-B60	2–6	18–53	1000 / 650			
SKC-PTA-B50F	2–5	18–44	2200 / 1400	233 x 200 mm 9.2 x 7.9 in	1.1 kg 2.4 lbs	
SKC-PTA-B90	3–9	27–79	1000 / 650			
SKC-PTA-B120	6–12	53–106	880 / 570			
Models with internal torque adjustment — slide open access cover and set using adjusting key						
SKC-PTA-80	4–8	36–70	1200 / 780	214 x 197 mm 8.4 x 7.8 in	1.0 kg 2.2 lbs	<u>Battery:</u> SKC-LB1840 SKC-LB1820 <u>Battery</u> <u>Chargers:</u> SKC-P80WN
SKC-PTA-120	6–12	53–106	720 / 450			
SKC-PTA-150	4–15	36–132	600 / 380	224 x 200 mm 8.8 x 7.9 in	1.2 kg 2.6 lbs	
SKC-PTA-220	8–22	70–194	350 / 200			

*Standard model number is for tool with 1/4" hex bit holder. Add suffix 'W' for 3/8" square drive option (eg. SKC-PTA-150W)

SKC-PTA CORDLESS SHUT-OFF CLUTCH NUTRUNNERS

Torque Range:

6–60 Nm (4.4–44.2 ft-lbs)

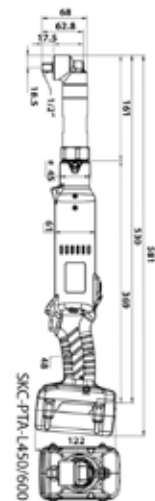
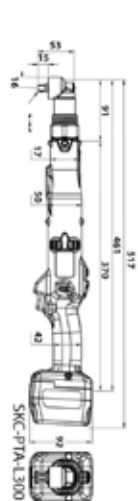
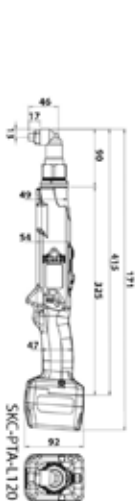
Features:

- Precise shut-off clutch provides excellent repeatability and minimizes torque reaction to the operator
- Hi/Lo speed selection switch on nutrunner
- Powerful DC brushless motor
- High performance 18VDC Li-Ion batteries (purchased separately)
- Front facing LED illuminates fastening area when the trigger is pulled
- To conserve battery life, the screwdriver goes into sleep mode when idle for more than 3 seconds
- Includes swivel bail for suspending from tool balancer
- Long service life — Factory tested to 2,000,000 cycles
- Green/Red LEDs and audible indicators alert operator of proper clutch function at shut-off
- Charging station (purchased separately) provides quick recharge time



Specifications

Model	SKC-PTA-L50F	SKC-PTA-L70	SKC-PTA-L120B	SKC-PTA-L150	SKC-PTA-L150F	SKC-PTA-L80F	SKC-PTA-L300	SKC-PTA-L450	SKC-PTA-L600	
Input Voltage	18V									
Torque	Hard Joint	2-5 Nm 1.5-3.7 ft-lbs	2.5-7 Nm 1.8-5.2 ft-lbs	6-12 Nm 4.4-8.8 ft-lbs	8-15 Nm 5.9-11 ft-lbs	8-15 Nm 5.9-11 ft-lbs	3-8 Nm 2.2-6 ft-lbs	12-30 Nm 8.8-22.1 ft-lbs	15-45 Nm 11-33.1 ft-lbs	25-60 Nm 18.4-44.2 ft-lbs
	Soft Joint	2-4 Nm 1.5-3 ft-lbs	2.5-5.6 Nm 1.8-4.1 ft-lbs	6-9.6 Nm 4.4-7.1 ft-lbs	8-12 Nm 5.9-8.8 ft-lbs	8-12 Nm 5.9-8.8 ft-lbs	3-6.4 Nm 2.2-4.7 ft-lbs	12-24 Nm 8.8-17.7 ft-lbs	15-36 Nm 11-26.5 ft-lbs	25-48 Nm 18.4-35.4 ft-lbs
Repeatability	±5%									
Torque Adjustment	Internal Stepless									
Free Speed (RPM) ±10%	Hi	1200	850	550	350	850	1200	350	200	200
	Lo	800	550	350	220	550	800	220	130	130
Weight (w/o battery)	1.25 kg/2.6 lbs		1.5 kg/3.3 lbs	1.85 kg/4.0 lbs	1.9 kg/4.2 lbs			2.85 kg/6.3 lbs		
Length (w/o battery)	400 mm/15.7 in		415 mm/16.3 in	440 mm/17.3 in	450 mm/17.7 in			530 mm/20.9 in		
Applicable Battery	SKC-LB1830B					SKC-LB1830C			SKC-LB1840	
Applicable Charger	SKC-P80W-D									SKC-P80WN
Drive Size	1/4" Hex			3/8" Sq 1/4" Hex			3/8" Sq		1/2" Sq	



SKC-PTA-BS20/30/45 BRUSHLESS SCREWDRIVERS

Torque Range:

0.3–4.5 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 power, 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 2 driver bits (PH #1 + PH #2)

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



Model	In-Line					Right Angle			
	SKC-PTA-BS12S1	SKC-PTA-BS12	SKC-PTA-BS20	SKC-PTA-BS30	SKC-PTA-BS45	SKC-PTA-BS20/RA	SKC-PTA-BS30/RA	SKC-PTA-BS45/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
Repeatability	$\pm 3\%$					$\pm 3\%$			
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 60mm (12.6 x 24in)			
Applicable Battery	SKC-LB0730S		SKC-LB1030S			SKC-LB1030S			
Applicable Charger	SKC-P25W		SKC-P50WN-S			SKC-P50WN-S			
Applicable Bit Type	1/4" Hex					1/4" Hex			

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

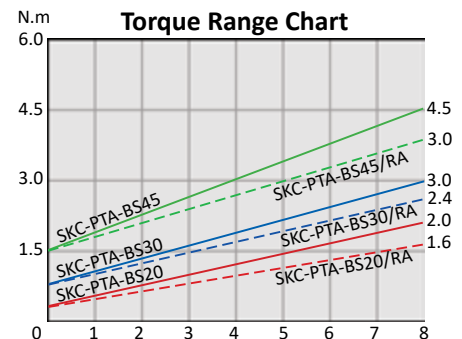


Compatible with the KL-1200 Tool Balancer



LED indicators

top	OK Clutch
	NG Clutch
bottom	Low Speed Mode
	Low Battery



SKC-PTA-BS20P/30P/45P BRUSHLESS SCREWDRIVERS

Torque Range:

0.5–4.5 Nm (4.4–40 in-lbs)

Reverse trigger allows you to quickly switch from clockwise to counter-clockwise operation

Features:

- Consistent torque output — Torque accuracy $\pm 3\%$ *
- Clean, brushless motor technology
- Dependable, long lifespan
- ESD Safe Housing helps protect sensitive electronics
- Push start with lever reverse switch. Ideal for applications requiring frequent and rapid changes from forward to reverse (i.e. Terminal blocks, Threaded insert, Helicoil, Rivnuts)
- 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)



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

Inline Push Start (Lever Reverse)

Model	SKC-PTA-BS20P-ESD	SKC-PTA-BS30P-ESD	SKC-PTA-BS45P-ESD
Input Voltage	10.8V		
1.5-3.6 Torque Range	Nm	0.5–2.0	1.0–3.0
	in-lbs	4.4–18	8.8–27
Speed (rpm)	1200		700
Start Type	Push Start with Lever Reverse		
Weight (w/o battery)	0.72kg (1.6lbs)		
Size (L x H w/o battery)	290 x 62 mm (11.4-2.4 in)		
Applicable Battery	SKC-LB1030S		
Applicable Charging Station	SKC-P50WN-S		
Applicable Bit Type	1/4" Hex		



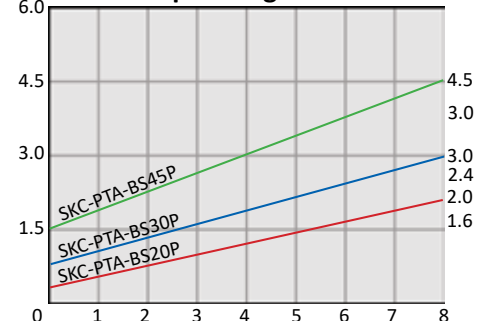
Compatible with the KL-1200 Tool Balancer



LED indicators

Top	OK Clutch
Bottom	NG Clutch
	Low Battery

Torque Range Chart



PISTOL BRUSHLESS SCREWDRIVERS

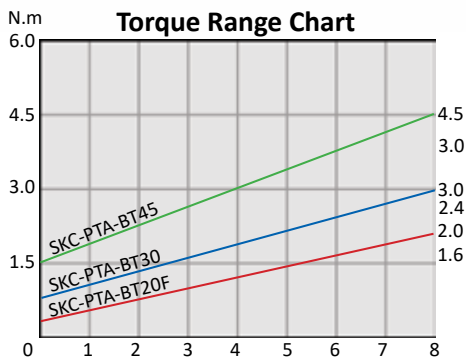


Torque Range:

0.5–4.5 Nm (4.4–40 in-lbs)

Features:

- Consistent torque output — Torque accuracy $\pm 3\%$ *
- Clean, brushless motor technology
- Dependable, long lifespan
- Two speed selections available
- Trigger 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) ~~13-32~~
- Includes torque lock sleeve (DR80-20233M), belt clip, and 2 PH #2 driver bits



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

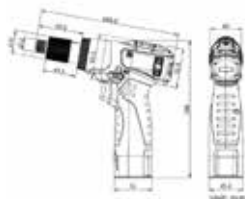
Specifications

Model	SKC-PTA-BT20F	SKC-PTA-BT30	SKC-PTA-BT45	SKC-PTS-BT60		
Input Voltage	10.8V					
Torque Range	Hard Joint	Nm	0.5–2.0	0.8–3.0	1.5–4.5	2.0–6.0
		in-lbs	4.4–18	7.1–27	13–40	18–53
	Soft Joint	Nm	0.5–1.6	0.8–2.4	1.5–3.6	2.0–4.8
		in-lbs	4.4–14	7.1–21	13–32	18–42
Speed (rpm)	2700/1900	1400/1000	800/550	650/450		
Start Type	Trigger					
Weight (w/o battery)	0.7kg (1.5lbs)					
Size (L x H w/o battery)	189 x 157 mm (7.4 x 6.2 in)					
Applicable Battery	SKC-LB1030S					
Applicable Charging Station	SKC-P50WN-S					
Applicable Bit Type	1/4" Hex					

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



Compatible with
KH-6
Tool Holster



LED indicators

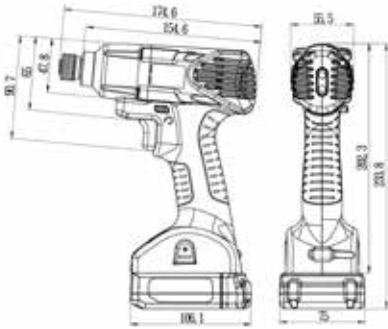
bottom	OK Clutch
	NG Clutch
top	Low Speed Mode
	Low Battery



PRECISION TORQUE SHUTOFF IMPACT DRIVER

Features

- Multiple torque settings (99 x 6 possible combinations)
- OK & NG indicators (Sound & Lights) provide instant feedback for cross threading and screw stripping errors
- Use up to 5 program settings in sequence
- Programmable screw counter shows number of screws remaining in batch
- Programing is completed with DR-IRC1 remote control and has the capability to lock settings on the tool to avoid accidental c intentional tampering



Specifications

Model	SKC-PTM-50	SKC-PTM-70	SKC-PTM-100W	SKC-PTM-200W
Input Voltage	14.4V			
Speed (RPM)	0~1900	0~2600	0~2000	0~1700
BPM	0~2500	0~3400	0~2600	0~2100
Torque Range	5~50 Nm (3.7~36.9 ftlb)	20~70Nm (14.7~51.6 ftlb)	20~100 (14.7~73.7 ftlb)	25~200 Nm (18.4~147.5 ftlb)
Recomended Fastner Size (Class 12.9)	M6 / M8 / M10 / M12	M8 / M10 / M12 / M14	M10 / M12 / M14 / M16	M12 / M14 / M16 / M20
Torque Range Capability (Based on fastner size)	M6 - 3~20Nm (2.2~14.7 ftlb)	M8 - 8~30Nm (5.9~22.1 ftlb)	M10 - 8~40Nm (5.9~40 ftlb)	M12 - 15~110Nm (11.0~81.1 ftlb)
	M8 - 3~20Nm (2.2~14.7 ftlb)	M10 - 8~40Nm (5.9~29.5 ftlb)	20~70Nm (14.7~51.6 ftlb)	M14 - 25~120Nm (18.4~88.5 ftlb)
	M10 - 5~30Nm (3.7~22.1 ftlb)	M12 - 20~60Nm (14.7~44.2 ftlb)	20~90Nm (14.7~66.3 ftlb)	M16 - 25~140Nm (18.4~103.2 ftlb)
	M12 - 12~50Nm (8.8~36.8 ftlb)	M14 - 25~70Nm (18.4~51.6 ftlb)	25~100Nm (20.6~73.7ftlb)	M20 - 25~200Nm (18.4~147.5 ftlb)
Drive Type	1/4" Hex (Add B suffix)		3/8" Square **Available in 1/2" Square Special Order**	1/2" Square
	3/8" Square (Add W suffix)			
Weight (Less Battery)	0.98 kg (2.1 lbs)	1.0 kg (2.2 lbs)		1.5 kg (3.3 lbs)
Dimensions (Less Battery)	174x202mm (6.8x7.8")			219x220mm (8.6x8.7")
Battery	SKC-LB1430			
Charger	SKC-P70W			
Torque Tester	KTM-IWT50 / KTM-IWT400			
Optional Accessories	KL-RC1			

LITHIUM-ION BATTERIES & BATTERY CHARGERS

SKC-LB1025S & SKC-LB1025M Batteries

Features:

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

Specifications		
Battery Model	SKC-LB0730S	SKC-LB1030S
Use with Tool Model	SKC-PTA-BS12S1	SKC-PTA Series
Voltage	7.2V	10.8V
Rating (mAh)	3000	3000
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	194g / 0.4 lbs
Certification	CE, ETL	CE, ETL



SKC-P50WN-S & SKC-P50W Charging Stations

Features:

- Visual indicators show recharging status
- Audibly notifies user when battery is fully charged
- Fully recharges SKC-LB1025S in ~40 minutes

Specifications		
Charger Model	SKC-P25W	SKC-P50WN-S
Charges Battery Model	SKC-LB0730S	SKC-LB1425
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	470 g / 1.0 lbs
Certification	CE, ETL	CE, ETL



LITHIUM-ION BATTERIES & BATTERY CHARGERS

LITHIUM-ION BATTERIES

High performance lithium-ion batteries allow the SKC-PT 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.



Specifications

Li-Ion Battery Model	Battery Voltage	Rating (mAh)	Use with tool models	Dimensions L x W x H	Weight
SKC-LB1430	14.4V	3000	Refer to Screwdriver Model Chart	107 x 75 x 43mm 4.2 x 2.9 x 1.7 in	320 g 0.7 lbs
SKC-LB1830B	18V	3000		92 x 75 x 63 mm 3.6 x 3.0 x 2.4 in	430 g 1 lbs
SKC-LB1830C	18V	3000		92 x 75 x 63 mm 3.6 x 3.0 x 2.4 in	430 g 1 lbs
SKC-LB1820	18V	1950		119 x 90 x 40 mm 4.7 x 3.5 x 1.6 in	430 g 1 lbs
SKC-LB1840	18V	3900		119 x 90 x 59 mm 4.7 x 3.5 x 1.6 in	720 g 1.6 lbs

BATTERY CHARGERS

SKC series battery chargers quickly recharge a 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.

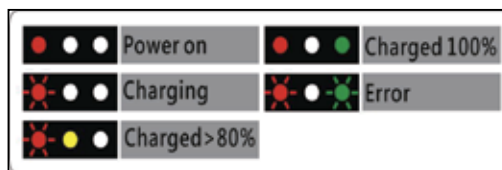
Features include:

- 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



Approximate Battery Charge Times

Battery Model/ Capacity	SKC-P70W	SKC-P80WN	SKC-P80W-D
SKC-LB1820B/C	40 min.	—	—
SKC-LB1820	—	40 min.	—
SKC-LB1840	—	80 min.	—
SKC-LB1425	—	—	40 min.



Specifications

Battery Charger	Input	Output	Use to charge battery model	Dimensions L x W x H	Weight
SKC-P70W	90–240VAC 50/60 Hz	16.8V, 3.2A	SKC-LB1430	107 x 75 x 43(mm) 4.2 x 2.9 x 1.7(in)	530g/1.2lbs
SKC-P80WN-D (1820B/C only)		21VDC, 3.2A	SKC-LB1830B/C	115 x 145 x 80 mm 4.5 x 5.7 x 3.1 in	460g/1.0lbs
SKC-P80WN (standard charger)		21VDC, 3.2A	SKC-LB1820/1840	115 x 145 x 80 mm 4.5 x 5.7 x 3.1 in	530 g 1.2 lbs



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Cat#KW0724BAT