

CP86 Series

Battery torque wrenches

> SPECIFICATIONS-REFERENCES



Version		CP8603	CP8609	CP8613	CP8626	CP8641	CP8681
Standalone	Model name	CP8603	CP8609	CP8613	CP8626	CP8641	CP8681
	Pack - Part number	6151570380	6151571120	6151570000	6151570030	6151570060	6151570090
	Bare tool - Part number	6151571250	6151571160	6151570210	6151570240	6151570270	6151570300
Connected	Model name	CP8603C	CP8609C	CP8613C	CP8626C	CP8641C	CP8681C
	Pack - Part number	6151570390	6151571130	6151570010	6151570040	6151570070	6151570190
	Bare tool - Part number	6151570880	6151571170	6151570220	6151570250	6151570280	6151570310
Connected Quality	Model name	CP8603CQ	CP8609CQ	CP8613CQ	CP8626CQ	CP8641CQ	CP8681CQ
	Pack - Part number	6151570400	6151571140	6151570020	6151570050	6151570080	6151570200
	Bare tool - Part number	6151570890	6151571180	6151570230	6151570260	6151570290	6151570320
Torque Check	Model name	CP8603TC	CP8609TC	CP8613TC	CP8626TC	CP8641TC	CP8681TC
	Pack - Part number	6151570410	6151571150	6151570670	6151570680	6151570690	6151570700
	Bare tool - Part number	6151570900	6151571190	6151570840	6151570850	6151570860	6151570870

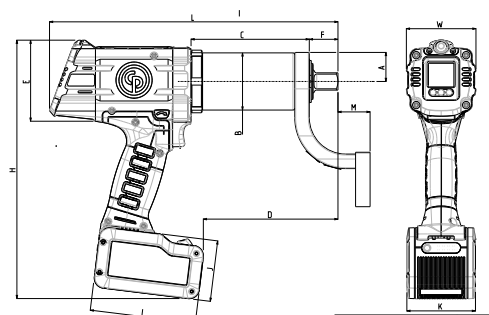
Specifications

Square drive	3/4"	1"	3/4"	1"	1"	1-1/2"
Accuracy (6 sigma)*	+/-4%	+/-4%	+/-4%	+/-4%	+/-4%	+/-4%
Min/Max torque (ft.lbs)	50 - 240	185 - 665	220 - 960	520 - 1 910	740 - 3 020	1 470 - 5 970
Min/Max torque (Nm)	70 - 325	250 - 900	300 - 1 300	700 - 2 600	1 000 - 4 100	2 000 - 8 100
Nominal working torque (ft.lbs)	65 - 190	240 - 530	290 - 770	570 - 1 530	910 - 2 420	1 790 - 4 780
Nominal working torque (Nm)	90 - 260	325 - 720	390 - 1 040	780 - 2 080	1 230 - 3 280	2 430 - 6 480
Lower minimum torque (ft.lbs / Nm)**	25 / 35	48 / 65	55 / 75	130 / 175	185 / 250	370 / 500
Max speed all torque (rpm)	20	15	10	5	3	1.2
Weight - with battery and reaction arm (lbs / kg)	9.0 / 4.1	12.5 / 5.7	11.7 / 5.3	15.9 / 7.2	25.1 / 11.4	36.4 / 16.5
Sound pressure (dB(A))	59	58	70	70	70	70
Vibration (m/s²)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Number of cycles by battery*	700	500	250	180	90	60

*Based on hard joint 15° at nominal torque. **Accuracy at lower minimum torque = +/-15% (recommended only as first step of multi-pass tightening sequence)

> DIMENSIONS

		A	B	C	D	E	F	I	J	K	M	Height (H)	Length (L)	Width (W)
CP8603	in.	1.10	2.13	3.58	4.37	3.5	1.34	4.57	2.64	2.99	0.67	11.22	11.06	3.03
	mm	28	54	91	111	89	34	116	67	76	17	285	281	77
CP8609	in.	1.32	2.64	6.02	6.73	3.5	1.26	4.57	2.64	2.99	1.34	11.22	13.43	3.03
	mm	34	67	153	171	89	32	116	67	76	34	285	341	77
CP8613	in.	1.26	2.48	5.12	5.83	3.5	1.26	4.57	2.64	2.99	1.38	11.22	12.52	3.03
	mm	32	63	130	148	89	32	116	67	76	35	285	318	77
CP8626	in.	1.42	2.64	6.61	7.64	3.5	1.57	4.57	2.64	2.99	1.77	11.22	14.29	3.03
	mm	36	67	168	194	89	40	116	67	76	45	285	363	77
CP8641	in.	1.97	3.19	8.46	9.41	3.5	1.5	4.57	2.64	2.99	1.65	11.22	16.1	3.98
	mm	50	81	215	239	89	38	116	67	76	42	285	409	101
CP8681	in.	2.01	4.02	7.99	9.65	3.5	2.2	4.57	2.64	2.99	2.56	11.22	16.3	4.17
	mm	51	102	203	245	89	56	116	67	76	65	285	414	106



> ACCESSORIES RECOMMENDATION

						
	S Type	Square Type	Steel space bar	Sliding-drive	Blade	Suspension yoke
Model	Part number					
CP8603	6158136285	6158136325	6158136335	6158136305	-	6158136810
CP8609	6158136835	6158136855	6158136845	6158136865 6158136875 (ext.)	-	8940166654
CP8613	6158131800	6158131890	6158131830	6158131860	6158136100	6158131770
CP8626	6158131810	6158131900	6158131840	6158131870	-	6158131780
CP8641	6158131820	6158131910	6158131850	6158131880	-	6158131790
CP8681	6158135251	6158135281	6158135261	6158135271	-	6158135291

						
	Fish arm base kit	Fish arm + shoe kit	Long shaft 760 mm	Adaptor kit CP8641 to CP8626	Nose extension 300 mm	Nose extension 480 mm
Model	Part number					
CP8613						6151780970
CP8626	6151800560	6151800550	6155012750	6151800570	6151780980	6151780990
CP8641	6151800560	6151800550	6155012750			

If our standard offer of reaction arms does not meet your specific needs, our engineering team can design custom reaction arms fully adapted to your application. Please contact your CP partner for more details.

					
	Battery 36V 2.5 Ah	Battery charger CP	Plastic case		Protective cover
Model	All models	All models	CP8603, CP8609, CP8613, CP8626	CP8641	CP8681
Part number	8940176068	8940176069	6159958910	6159958920	6159958930
					All models except CP8681
Part number					6152112130

> ADDITIONAL INFORMATION

		Standalone	C - Connected	CQ - Connected Quality	TC - Torque Check
All models					
Performance	Digital OLED display	✓	✓	✓	✓
	Automatic release reaction arm	✓	✓	✓	✓
	Torque tightening	✓	✓	✓	✓
	Counterclockwise tightening	✓	✓	✓	✓
Safety	Double safety button	✓	✓	✓	✓
	Tool lock & finder		✓	✓	✓
Connectivity	CPLinQ		✓	✓	✓
Tool maintenance	Tool status follow-up management		✓	✓	✓
	Operation alert		✓	✓	✓
	Maintenance timeline		✓	✓	✓
Job control	Angle tightening		✓	✓	✓
	Torque & Angle tightening		✓	✓	✓
	P-Set library (up to 6 P-sets in the tool)		✓	✓	✓
	Counting sequence			✓	✓
Report	Tightening report			✓	✓
Process control	Torque Check				✓

+

CP86 packs are delivered with:

- ✓ 2 batteries
- ✓ 1 charger
- ✓ 1 power cord
- ✓ 1 manual
- ✓ Calibration certificate
- ✓ 1 plastic case





For more information, please contact your CP partner:

Use only authorized parts. Any damage or malfunction caused by the use of unauthorized parts is not covered by Warranty or Product Liability.