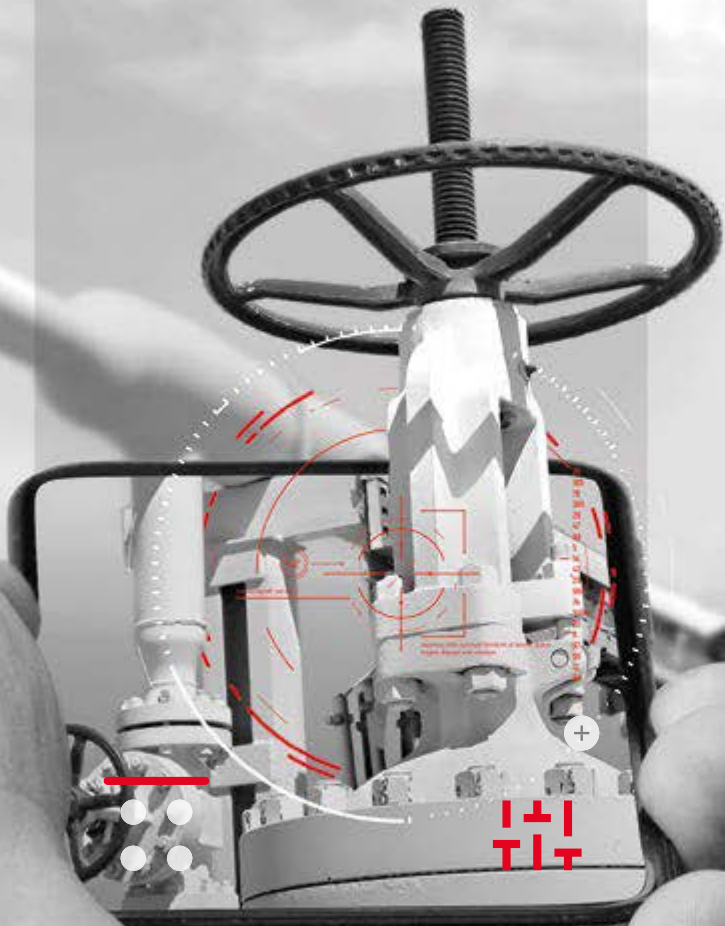


10:30 AM 100%



**Quality control  
anywhere.  
Performance  
anytime.**

**The new CP86 Series  
battery torque wrenches  
with CPLinQ™**



People. Passion. Performance.



# CPLinQ



## KEEP CONTROL, GUARANTEE QUALITY!

CPLinQ is an application specifically dedicated for managers looking to control processes and quality in the field to further improve productivity.

### > **Designed for ease of use!**

- ✓ Save time on every operation
- ✓ Decrease errors and rework
- ✓ Get back to service faster
- ✓ Reinforce company quality standards



\* CPLinQ is available for C, CQ and TC versions only.

## CP86 series

# A range of innovative battery torque wrenches designed to meet your daily challenges!

Customers asked for a solution that can help them optimize:

### Speed

to enhance mobility when working without a compressor and air hose in the field.

### Safety

to reduce the risk of fatigue, discomfort, and injury.

### Reliability

to improve precision in order to implement a new level of quality in the field.

THAT IS HOW THE NEW **CP86 WAS BORN!**



Precise, compact, and lightweight.



Extended operation, thanks to the long-lasting and compact CP battery.



Connected with CPLinQ securing your process quality with data collection and counting sequence set-up.

## Main industries



Oil & Gas



Mining



Power generation



Heavy vehicles

## But also

Railroad & Rolling stock

Agricultural equipment

Shipyards

Construction



## ○ Maximum productivity

With the highest torque and precision level in the bolting market, the CP86 reaches unmatched performances.

### High performance and precision

Torque and angle tightening

### Control and process quality in the field

Data collection, counting sequence set-up and Torque Check

### Extended mobility

Compact 36V/2.5Ah battery

## ○ Ease of use with no compromise on safety

Effortless and safer to use compared to a standard impact wrench

### Automatic release reaction arm

### Second start button

### Temperature control

to reduce the risk of overheating

## OLED display solution!

Enjoy an intuitive interface with a high resolution, great brightness and true colors... for a clear overview of your key information.

### CP CARE Extends the life of your tool by up to 20%!

Enhance protection with a CP Care Preventive Maintenance contract, which includes calibration

- ✓ Improve uptime
- ✓ Maintain quality, reduce rework
- ✓ Optimize maintenance budget

> [Contact your dealer for more information](#)

## A performance record

**9.0**  
lbs (4.1 kg)  
only\*

Lightweight construction, due to the compact CP battery.

**700**  
Cycles\*

Before battery requires changing, optimal for extended mobility.

Up to  
**5970** ft.lb  
(8100 Nm)

High-performance torque due to the dedicated gearbox.

**+/- 4%**  
precision\*\*

The gearbox of the CP86 can achieve high precision tightening with constant repeatability.

\*For the CP8603 version (9.0 lbs / 4.1 kg).  
\*\* Based on hard joint 15" at nominal torque.

### Oil & Gas



With the CP8613CQ, I am sure that my team is operating safely.

It is a perfect solution for mobility and process control, which are now mandatory for our new process and traceability requirements. It is the tool's safety features, however, that make it the right choice for our Refining Plant. The second start button and the locker are crucial for operator safety.

**Safety and quality manager at an Oil & Gas operating company - CP8613CQ**

### Mining



Now I am able to make sure that my teams are following the application requirements for specific operations.

The CP86, connected to CPLinQ, helps me secure the operator's job using the P-Set library with a counting sequence, allowing me to eliminate the need for any rework on the job. In our market, productivity is important, so speed is key!

**Production manager at a global mining company - CP8613CQ**

### Renewable



In our industry, mobility is vital, especially when working in the upper tower and nacelle. As wind farms grow in size, together with the number of bolts per tower, tool durability and quality control become essential. I use the connected version of the CP86 to secure and report my jobs on the go for improved customer satisfaction.

**Maintenance manager, Renewable company - CP8626CQ**

# CPLinQ

OPTIMIZE PROCESSES AND QUALITY IN THE FIELD



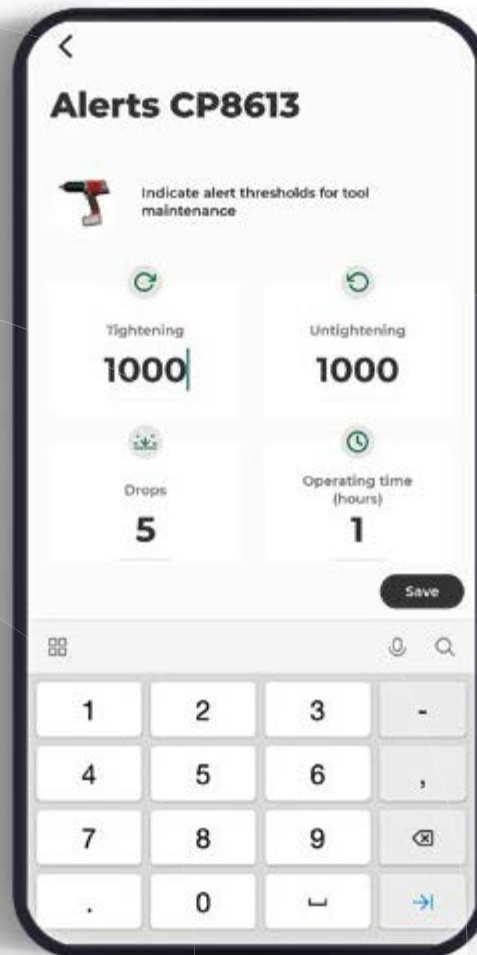
## Control your tightening and counting sequence with:

- > P-Set library featuring dedicated requirements for each job
- > Counting sequence for 100% tightening guarantee and 0% rework
- > Torque check to control bolt loosening and torque adjustment when necessary



## Report your jobs

Tightening report for a quick report and data export



## Maintain your tool

Decrease the risk of breakage with:

- > Tool status follow-up management
- > Operation alert
- > Maintenance timeline

*« With data collection, sequence set-up and maintenance timeline, CPLinQ is the perfect solution to secure your jobs in the field! »*



**Nil Gauter,**  
Product Manager,  
Chicago Pneumatic

# 5 models available in 4 levels of features

Models



**CP8603**  
up to 325 Nm /  
240 ft.lb



**CP8613**  
up to 1300 Nm /  
960 ft.lb



**CP8626**  
up to 2600 Nm /  
1910 ft.lb



**CP8641**  
up to 4100 Nm /  
3020 ft.lb



**CP8681**  
up to 8100 Nm /  
5970 ft.lb

Standalone	Perform
C - Connected CPLinQ	Perform, Control & Maintain
C - Connected Quality CPLinQ	Perform, Control, Maintain & Report
TC - Torque Check* CPLinQ	Perform, Control, Maintain, Report & Process

\*Torque Check not available on CP8603



Watch now



Interested?

Ask for technical details!



Find out more about CP86 and CPLinQ at



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



# CP86 Series

## Battery torque wrenches

### > SPECIFICATIONS-REFERENCES



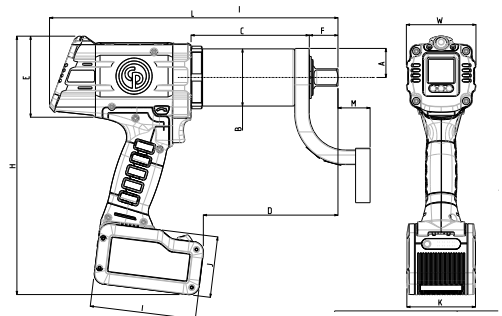
Version		CP8603	CP8609	CP8613	CP8626	CP8641	CP8681
Standalone	Model name	CP8603	CP8609	CP8613	CP8626	CP8641	CP8681
	Pack - Part number	6151570380	6151571120	6151570000	6151570030	6151570060	6151570090
	Bare tool - Part number	6151571250	6151571160	6151570210	6151570240	6151570270	6151570300
Connected	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/s <sup>2</sup> )	<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
					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 status follow-up management		✓	✓	✓
Tool maintenance	Operation alert		✓	✓	✓
	Maintenance timeline		✓	✓	✓
	Angle tightening		✓	✓	✓
Job control	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.