



# SUPERIOR CONTROL. SIMPLE ASSURANCE.

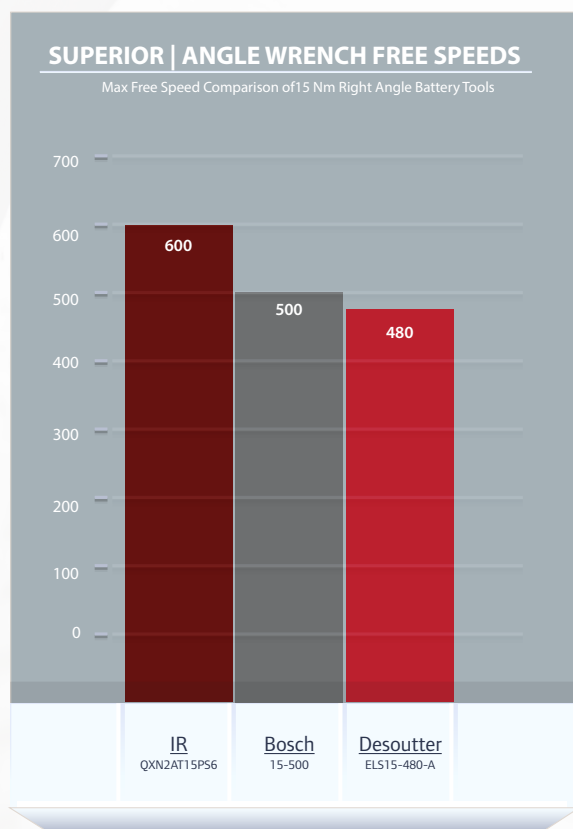
## QXN Precision Angle Wrench

Why settle for a clutch tool when you can have:

- **SUPERIOR CONTROL:** Our closed loop control of torque, speed, and degrees of rotation provides superior control of your fastening process.
- **SIMPLE ASSURANCE:** 1,200 cycles of onboard data storage and validation of achieved torque after every tightening provides simple assurance of quality work, every time.
- **INCREASED PRODUCTIVITY:** Get more work done in less time through faster tightening speeds.



## Simply the intelligent replacement for mechanical clutch tools



**QXN 15 Nm** battery right angle wrenches provide **22%** faster free speeds on average, than most leading 15Nm right angle battery clutch tools.

**REAL TOOLS FOR REAL WORK.™**





# Competitive StreetFighter

QXN Angle Wrench vs. Competitors

## Inside Scoop – QXN2AT27PS6 Head-to-Head Comparison:

	Ingersoll Rand QXN2AT27PS6	Desoutter ELS30-300-A	Bosch EXACT ION 30-300
Max Speed (rpm)	300 rpm	300 rpm	300 rpm
Torque Range (Nm)	6 - 27 Nm	10 - 30 Nm	10 - 30 Nm
Torque Control Technology	Transducer	Clutch	Clutch
Control Types	Torque, Angle, Speed	Torque, Speed*	Torque, Speed*
Weight w/ Battery (lbs)	4.7lbs	4.62lbs	5.3lbs
Torque setting process	USB	Special tools + external torque analyzer	Special tool + external torque analyzer
Accuracy	Up to +/- 5%	Up to +/- 7%	Up to +/- 7%
Typical Tool Life	1 M Cycles	400,000 Cycles	500,000 Cycles
Street Price (Tool Only) \$USD	\$1,485	\$2,118	\$2,230

### General Information:

#### What Ingersoll Rand is saying:

- Superior torque control via integrated transducer
- 1.0 to 27Nm QX2 Series
- Transducer with microprocessor control of final torque
- Multi-step torque strategy with speed control
- 20v Lithium Ion battery with multiple Amp Hour options for extended runtime or lighter weight.

#### What competition is saying:

- Torque control provided by adjustable spring clutch
- Torque validation upon lab testing
- Fixed speed adjustments, no angle control
- No data storage
- Prevailing torque applications are difficult and unreliable

### The Bottom Line:

#### **WORK HAS NO PLACE TO HIDE.**

When it comes to fastening, standard clutch tools don't stand a chance. Ingersoll Rand's QXN cordless precision screwdrivers and angle wrenches have superior torque control and an integrated closed-loop transducer to deliver accurate, intelligent results- every cycle. Plus, the QXN cordless precision screwdrivers and angle wrenches each store 1,200 cycles of tightening data, providing simple assurance that you have total control of your fastening process.



Source for advertised competitive specs: [www.boschproductiontools.com](http://www.boschproductiontools.com); [www.desouttertools.com](http://www.desouttertools.com)