



IQ^V Series™ Cordless Tools

**Cordless convenience.
Uncompromising power.**



REAL TOOLS FOR REAL WORK.™

Cordless Convenience. Uncompromising Power.

The Ingersoll Rand IQ^V Series™ tools offer versatile performance, cordless convenience and rugged durability in compact packages with class-leading ergonomics—key benefits in the automotive services and MRO markets.

Accessibility:

The compact, cordless design of every IQ^V Series™ tool makes accessing tight spaces easier.

Comfort:

Lightweight design and small handles help minimize fatigue, making tools more ergonomic and comfortable to hold.

Durability:

Chemical- and impact-resistant housings withstand tough environments and repeated drops, while protecting interior components.



General
automotive repair



Collision
repair



Heavy equipment
repair



Facilities
maintenance



Light
assembly



General
industrial



C1101 12V Reciprocating Saw



R3130 20V Ratchet



W1110 12V Quick Change Impact Wrench

Choose Your Power.

The IQ^{V12} Series™ of 12-volt tools combine lighter weight and smaller sizes with ergonomic design to make accessing difficult areas easier and to minimize operator fatigue. The Ingersoll Rand IQ^{V20} Series™ of 20-volt tools deliver hard-hitting, long-lasting power, with the uncompromising ability to stand up to the all day, every day demands of professionals. IQ^V Series™ tools **Do the Job, Do it Fast, Do it Every Time.**

Performance: The BL2022 5.0 Ah delivers **68% longer run time** than its predecessor at the same size and weight.

High-power, extended-life 20-volt lithium-ion battery delivers high-charge capacity and low internal impedance for maximum power delivery and exceptional runtime.



Durability: The intelligent Battery Management System allows the battery to communicate with the tool and charger to prevent over loading, over charging and over discharging for longer tool and battery life.



Performance: The BL2012 2.5 Ah delivers **100% longer run time** than its predecessor at the same size and weight.



Performance: The BL1203 battery provides 2.0 Ah of 12-volt power, intelligently managed by the IQ^{V12} Series™ system for maximum tool runtime.



Compatibility: Charge any of your IQ^{V12} and IQ^{V20} Series™ batteries on the same universal charger.

Productivity: An LED Fuel Gauge and audible alarm will let you know when your batteries are fully charged and ready to get back to work.

Versatility : The USB charge port on the side means you don't have to fight for an outlet with your tablet or smart phone. Let us take care of the clutter; you take care of what's next.

Ingersoll Rand's BC1121 lithium-ion universal charger gets all of the batteries in our IQ^{V12} and IQ^{V20} Series™* lineup charged and ready to go whenever you are. Whether it's our 20V or 12V batteries, this innovative, multi-use battery charger will make it easier and faster to have a freshly charged battery to get your work done now, not later.

*For use with any of our IQ^{V12} and IQ^{V20} Lithium-Ion Batteries, BL2022, BL2010, BL2012, BL2005 and BL1203.

IQ^{V12} Series™ Impact Wrench

W1110 1/4", W1120 1/4", W1130 3/8"

Tuned impact mechanism and all-metal drivetrain deliver 100 ft-lb of torque and durable performance

Bright white LED casts light on the work piece

Patent-pending soft-mount system reduces vibration for extended motor and switch life

2.0 Ah Li-Ion battery with fuel gauge for battery charge visibility, so you can better prepare to get more work done

Impact- and chemical-resistant housing protects against repeated six foot drops onto concrete and exposure to shop fluids

3-point rubber pads protect tool and work surfaces

Ergonomically designed small-handle grip helps reduce operator fatigue during extended use



Ideal for:



IQ^{V12} Series™ Impact Wrench

Model	Battery	Voltage DC	Drive Size, Type	Impacts per Minute	No-Load Speed rpm	MAX Torque ft-lb (Nm)	Tool & Battery	
							Weight lb (kg)	Length in (mm)
W1110	BL1203	12	1/4" Hex, Quick Change	3,300	0-2,700	100 (135)	2.32 (1.05)	5.9 (150)
W1120	BL1203	12	1/4", Square	3,300	0-2,700	100 (135)	2.30 (1.03)	5.9 (150)
W1130	BL1203	12	3/8", Square	3,300	0-2,700	100 (135)	2.30 (1.04)	5.9 (150)



W1130-K2

Available in Kits

Model	Description
W1110-K2	1/4" Drive Quick Change Impact Wrench, Charger & 2 Li-ion Batteries
W1120-K2	1/4" Drive Impact Wrench, Charger & 2 Li-ion Batteries
W1130-K2	3/8" Drive Impact Wrench, Charger & 2 Li-ion Batteries

IQ^{V20} Series™ Impact Wrench

W7152 & W7252 1/2"

Tuned impact mechanism

delivers 1500 ft-lb nut-busting torque and 1000 ft-lb of MAX torque from a tool that measures just 8.1" from tip to tail and weighs only 7.6 lbs.

Shadowless 360 degree LED light ring

with task light mode and 4 dimmable settings

All-metal drivetrain and

hammer mechanism is robust, durable and optimized for maximum power and efficiency

Variable-speed switch with electronic brake

provides maximum control of the tool and increases safety—release trigger, drive stops spinning

Tough composite housing and patented

steel-reinforced frame protects against aggressive fluids, chemicals and repeated drops

Powerful brushless motor

delivers durability and efficiency as well as best-in-class power-to-weight ratio

IQ^V Power Control System

includes 4 modes —full power, half power, wrench tight, and hand tight—so there is no need to switch tools

MODE	HAND TIGHT	WRENCH TIGHT	HALF POWER	MAX POWER
	4-10 (5-14)	35-110 (50-150)	100-530 (135-720)	100-1000 (135-1360)
	1000 (1360)	1000 (1360)	1000 (1360)	1000 (1360)
	M6-M12	M10-M16	M12-M32	M16-M32
	✓	✓		
BOLT SIZE				
SHUT OFF				

Ideal for:



*Requires 5.0 Ah battery for maximum performance

IQ ^{V20} Series™ Impact Wrench									
Model	Battery	Voltage DC	Drive Size, Type	Impacts per Minute	Free Speed rpm	Nut-Busting Torque ft-lb (Nm)	MAX Torque ft-lb (Nm)	Tool & Battery Weight lb (kg)	Length in (mm)
W7152	BL2022	20V	1/2", Socket Retaining Ring	2450	0 -1900	1500 (2033)	1000 (1360)	7.6 (3.4)	8.1 (207)
W7152P	BL2022	20V	1/2", Socket Retaining Ring	2450	0 -1900	1500 (2033)	1000 (1360)	7.6 (3.4)	8.1 (207)
W7252	BL2022	20V	1/2", Socket Retaining Ring	2450	0-1900	1500 (2033)	1000 (1360)	7.9 (3.6)	10.1 (257)



W7152-K22

Available in Kits

Item No.	Kit Details
W7152-K12	1 BL2022 Battery, Tool, Charger, Bag
W7152-K22	2 BL2022 Battery, Tool, Charger, Bag
W7152P-K22	2 BL2022 Battery, Tool, Charger, Bag
W7252-K22	2 BL2022 Battery, Tool, Charger, Bag

IQ^{V20} Series™ Impact Wrench

W5132 3/8" & W5152 1/2"

Tuned impact mechanism

delivers 550 ft-lb nut-busting torque and 365 ft-lb of MAX torque from a tool that measures just 6.5" from tip to tail and weighs only 5.1 lb

Shadowless 360 degree LED light ring

with task light mode and 4 dimmable settings

All-metal drivetrain and hammer mechanism

is robust, durable and optimized for maximum power and efficiency

Variable-speed switch with electronic brake

provides maximum control of the tool and increases safety—release trigger, drive stops spinning

Tough composite housing and patented steel-reinforced frame

protects against aggressive fluids, chemicals and repeated drops

Ideal for:



Powerful brushless motor delivers durability and efficiency as well as best-in-class power-to-weight ratio

IQ^V Power Control System includes 4 modes—full power, mid power, wrench tight, and hand tight—so there is no need to switch tools

MODE	HAND TIGHT	WRENCH TIGHT	MID POWER	MAX POWER
	2-9 (3-12)	10-24 (13-33)	25-240 (34-325)	25-340 (34-460)
	365 (500)	365 (500)	365 (500)	365 (500)
RPM	0-800	0-1600	0-2100	0-2100
BOLT SIZE	M6-M12	M10-M16	M12-M32	M16-M32
SHUT OFF	✓	✓		

IQ^{V20} Series™ Impact Wrench

Model	Battery	Voltage DC	Drive Size, Type	Impacts per Minute	No-Load Speed rpm	Nut-Busting Torque ft-lb (Nm)	MAX Torque ft-lb (Nm)	Tool & Battery Weight lb (kg)	Length in (mm)
W5132	BL2010/BL2022	20	3/8", Square Hog Ring	3,300	0-2,100	550 (745)	365 (495)	5.1 (2.3)	6.5 (166)
W5132	BL2012	20	3/8", Square Hog Ring	3,100	0-2,100	400 (540)	295 (400)	4.5 (2.0)	6.5 (166)
W5152	BL2010/BL2022	20	1/2", Square Hog Ring	3,300	0-2,100	550 (745)	365 (495)	5.2 (2.3)	6.7 (170)
W5152	BL2012	20	1/2", Square Hog Ring	3,100	0-2,100	400 (540)	295 (400)	4.5 (2.1)	6.7 (170)

Available in Kits

Item No.	Kit Details
W5132-K12	3/8" Impact Wrench, Charger, 1 BL2022 Li-ion Battery & Bag
W5132-K22	3/8" Impact Wrench, Charger, 1 BL2012 Li-ion Battery, 1 BL2022 Li-ion Battery & Bag
W5152-K12	1/2" Impact Wrench, Charger, 1 BL2022 Li-ion Battery & Bag
W5152-K22	1/2" Impact Wrench, Charger, 1 BL2012 Li-ion Battery, 1 BL2022 Li-ion Battery & Bag



W5152-K22

IQ^{V20} Series™ High-Torque Impact Wrench

W7150 1/2", W7150P 1/2" & W7250 1/2"

Tuned impact mechanism delivers more torque, is more durable and more efficient; 780 ft-lb max torque and 1,100 ft-lb nut-busting torque equals the output of our 2135TiMAX air impact wrench—all from a 6.8-lb tool/battery combo

Durable, steel-lined aluminum hammer case is designed to be strong and lightweight, while protecting interior components

All-metal drivetrain and hammer mechanism is robust, durable and optimized for maximum power and efficiency

Variable-speed switch provides maximum control of the tool

Ideal for:



High-power rare earth magnet (neodymium) motor offers a long life and high power

Patent-pending soft touch over-molded grip minimizes vibration, reduces fatigue and enhances user comfort during extended use

Tough composite housing and patented steel-reinforced frame protects against fluids, chemicals and repeated drops

*Requires 3.0 Ah battery or higher

IQ^{V20} Series™ Impact Wrench

Model	Battery	Voltage DC	Drive Size, Type	Impacts per Minute	No-Load Speed rpm	Nut-Busting Torque ft-lb (Nm)	MAX Torque ft-lb (Nm)	Weight lb (kg)	Tool & Battery Length in (mm)
W7150	BL2010/BL2022	20	1/2", Hog Ring	2,300	0–1,900	1,100 (1,491)	780 (1,057)	6.8 (3.1)	9.4 (238)
W7150P	BL2010/BL2022	20	1/2", Pin Detent	2,300	0–1,900	1,100 (1,491)	780 (1,057)	6.9 (3.1)	9.4 (238)
W7250	BL2010/BL2022	20	1/2", 2" Extended Hog Ring	2,300	0–1,900	1,100 (1,491)	780 (1,057)	6.9 (3.1)	11.2 (285)

Available in Kits

Model	Description
W7150-K1	1/2" Impact Wrench, Charger, 1 BL2010 Li-ion Battery & Case
W7150-K2	1/2" Impact Wrench, Charger, 2 BL2010 Li-ion Batteries & Case
W7150-K12	1/2" Impact Wrench, Charger, 1 BL2022 Li-ion Battery & Case
W7150-K22	1/2" Impact Wrench, Charger, 2 BL2022 Li-ion Batteries & Case
W7150P-K12	1/2" Pin Impact Wrench, Charger, 1 BL2022 Li-ion Battery & Case
W7150P-K22	1/2" Pin Impact Wrench, Charger, 2 BL2022 Li-ion Batteries & Case
W7250-K1	1/2" Impact Wrench, Charger, 1 BL2010 Li-ion Battery & Case
W7250-K2	1/2" Impact Wrench, Charger, 2 BL2010 Li-ion Batteries & Case



W7150-K22

IQ^{V20} Series™ Right Angle Impact Wrench

W5330 3/8" & W5350 1/2"



IQ^{V20} Series™ Right Angle Impact Wrench

Model	Battery	Voltage DC	Drive Size, Type	No-Load Speed rpm	MAX Torque ft-lb (Nm)	Tool & Battery Weight lb (kg)	Length in (mm)
W5330	BL2012	20	3/8", Hog Ring	0-1,900	180 (245)	4.55 (2.06)	17.25 (439)
W5330	BL2010/BL2022	20	3/8", Hog Ring	0-1,900	190 (258)	5.15 (2.27)	17.25 (439)
W5350	BL2012	20	1/2", Hog Ring	0-1,900	180 (245)	4.55 (2.06)	17.25 (439)
W5350	BL2010/BL2022	20	1/2", Hog Ring	0-1,900	190 (258)	5.15 (2.27)	17.25 (439)



Available in Kits

Model	Description
W5330-K12	3/8" Impact Wrench, Charger, 1 BL2012 Li-ion Battery & Case
W5330-K22	3/8" Impact Wrench, Charger, 2 BL2012 Li-ion Batteries & Case
W5350-K12	1/2" Impact Wrench, Charger, 1 BL2012 Li-ion Battery & Case
W5350-K22	1/2" Impact Wrench, Charger, 2 BL2012 Li-ion Batteries & Case

IQ^{V20} Series™ Mid-Torque Impact Wrench

W5110 1/4", W5130 3/8" & W5150 1/2"

Tuned impact mechanism

delivers 190 ft-lb of torque from a lightweight, balanced, compact tool that measures just 6.6" long from tip to tail

Durable, steel-lined aluminum

hammer case is designed to be strong and lightweight, while protecting interior components for a long lifetime of durability

Variable-speed switch with

electronic brake provides maximum control of the tool and increases safety—release trigger, drive stops spinning

All-metal drivetrain and hammer mechanism

is robust, durable and optimized for maximum power and efficiency

Tough composite housing and patented steel-reinforced frame protects against fluids, chemicals and repeated drops

Lightweight, balanced, ergonomic handle with patent-pending rubber over-molded grip minimizes vibration, reduces fatigue and enhances user comfort during extended use

Ideal for:



General automotive repair



Facilities maintenance



General industrial



IQ^{V20} Series™ Impact Wrench

Model	Battery	Voltage DC	Drive Size, Type	Impacts per Minute	No-Load Speed rpm	MAX Torque ft-lb (Nm)	Tool & Battery	
							Weight lb (kg)	Length in (mm)
W5110	BL2012	20	1/4", Hex	2,900	0–1,700	165 (225)	3.6 (1.6)	6.6 (168)
W5110	BL2010/BL2022	20	1/4", Hex	2,900	0–1,700	175 (240)	4.1 (1.9)	6.6 (168)
W5130	BL2012	20	3/8", Hog Ring	2,900	0–1,700	180 (245)	3.6 (1.6)	6.6 (162)
W5130	BL2010/BL2022	20	3/8", Hog Ring	2,900	0–1,700	190 (260)	4.1 (1.9)	6.6 (162)
W5150	BL2012	20	1/2", Hog Ring	2,900	0–1,700	180 (245)	3.6 (1.6)	6.6 (162)
W5150	BL2010/BL2022	20	1/2", Hog Ring	2,900	0–1,700	190 (260)	4.1 (1.9)	6.6 (162)



W5130-K22

Available in Kits

Model	Description
W5110-K12	1/4" Hex Impact Wrench, Charger, 1 BL2012 Li-ion Battery & Case
W5110-K22	1/4" Hex Impact Wrench, Charger, 2 BL2012 Li-ion Batteries & Case
W5130-K12	3/8" Impact Wrench, Charger, 1 BL2012 Li-ion Battery & Case
W5130-K22	3/8" Impact Wrench, Charger, 2 BL2012 Li-ion Batteries & Case
W5150-K12	1/2" Impact Wrench, Charger, 1 BL2012 Li-ion Battery & Case
W5150-K22	1/2" Impact Wrench, Charger, 2 BL2012 Li-ion Batteries & Case

IQ^{V20} Series™ High Cycle Impact Wrench

W5111 1/4", W5131P 3/8" & W5151P 1/2"

PRODUCTION RATED

Tuned impact mechanism delivers 175 ft-lb of maximum torque, ready to perform job after job

1/4" Hex, 3/8" and 1/2" Pins for maximum versatility and secure and accurate rundowns

Durable, steel-lined aluminum hammer case is designed to protect internal components, while patented metal reinforced housing withstands repeated drops

Fast application speeds help meet plant throughput goals

Compact design makes operation and access easier in tight spots

All-metal drivetrain and hammer mechanism is robust, durable and optimized for maximum power and efficiency

High-power rare earth magnet (neodymium) motor and replaceable brushes offer a long, durable life and high power

Rubber over-molded grip minimizes vibration, reduces fatigue and enhances user comfort during extended use

Ideal for:



Production assembly



IQ^{V20} Series™ Impact Wrench

Model	Battery	Voltage DC	Drive Size, Type	Impacts per Minute	No-Load Speed rpm	MAX Torque ft-lb (Nm)	Tool & Battery Weight lb (kg)	Length in (mm)
W5111	BL2012	20	1/4", Hex	2,800	0-1,900	160 (215)	3.5 (1.6)	6.0 (152)
W5111	BL2010/BL2022	20	1/4", Hex	2,800	0-1,900	175 (240)	4.2 (1.9)	6.0 (152)
W5131P	BL2012	20	3/8", Pin Detent	2,800	0-1,900	160 (215)	3.5 (1.6)	5.9 (150)
W5131P	BL2010/BL2022	20	3/8", Pin Detent	2,800	0-1,900	175 (240)	4.2 (1.9)	5.9 (150)
W5151P	BL2012	20	1/2", Pin Detent	2,800	0-1,900	160 (215)	3.5 (1.6)	6.1 (154)
W5151P	BL2010/BL2022	20	1/2", Pin Detent	2,800	0-1,900	175 (240)	4.2 (1.9)	6.1 (154)

Available in Kits



W5111-K12

Model	Description
W5111-K12	1/4" Hex Impact Wrench, Charger, 1 BL2012 Li-ion Battery & Case
W5111-K22	1/4" Hex Impact Wrench, Charger, 2 BL2012 Li-ion Batteries & Case
W5131P-K12	3/8" Pin Impact Wrench, Charger, 1 BL2012 Li-ion Battery & Case
W5131P-K22	3/8" Pin Impact Wrench, Charger, 2 BL2012 Li-ion Batteries & Case
W5151P-K12	1/2" Pin Impact Wrench, Charger, 1 BL2012 Li-ion Battery & Case
W5151P-K22	1/2" Pin Impact Wrench, Charger, 2 BL2012 Li-ion Batteries & Case