



M12 FUEL™

DRIVEN TO OUTPERFORM.™

LONGER
MOTOR LIFE

MORE
POWER

MORE
RUN-TIME



M12 FUEL™ - NEW TO THE M12™ SYSTEM.
OVER 50 TOOLS, ONE BATTERY.



DRIVEN TO OUTPERFORM.™

M12 FUEL™ is engineered for the most demanding tradesmen in the world. M12 FUEL™ delivers unrivaled performance in a compact structure and features three Milwaukee®-exclusive innovations — the POWERSTATE™ Brushless Motor, REDLITHIUM™ Battery Pack and REDLINK PLUS™ Intelligence Hardware and Software — that deliver unmatched power, run-time and durability.

Simply put, M12 FUEL™ is best-in-class, full-circle technology that drives, protects and powers your cordless tools beyond the rest.

M12 FUEL



1 POWERSTATE™ BRUSHLESS MOTOR

- Milwaukee® Designed and Built Brushless Motor
- Outperforms All Leading Competitors
- Up to 10X Longer Motor Life



2 REDLINK PLUS™ INTELLIGENCE

- Most Advanced Electronic System on the Market for Maximum Performance
- Total System Communication with Overload Protection Increases Tool Life
- Built-in Fuel Gauge Displays Remaining Charge



3 REDLITHIUM™ 2.0 & XC4.0 BATTERY PACKS

- Up to 4X Run-Time
- 20% More Power
- Up to 2X More Recharges than Leading Competitor
- Operates Below -18°C / 0°F



NEW

INCLUDED IN ALL M12 FUEL™ PRODUCTS



REDLITHIUM 2.0/XC4.0

UP TO **2X** MORE RUN-TIME

UP TO **20%** MORE POWER

OVER **2X** MORE RECHARGES

M12 FUEL™ - NEW TO THE M12™ SYSTEM. OVER 50 TOOLS, ONE BATTERY.





34G848
(2402-22)



1/4" Hex 2-Speed
Screwdriver

34G850
(2403-22)



1/2" Drill/
Driver Kit

34G852
(2404-22)



1/2" Hammer
Drill/Driver Kit

**HAMMER DRILLS,
DRILL/DRIVERS & SCREWDRIVERS**

M12 FUEL

INDUSTRY'S FIRST SUBCOMPACT 1/2" HAMMER DRILL

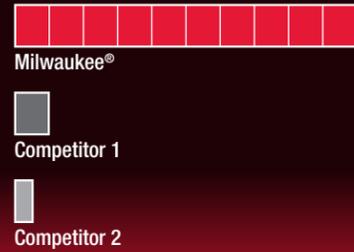


UP TO
10X
LONGER
MOTOR LIFE

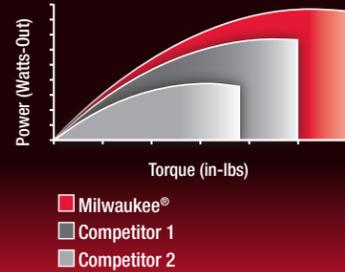
UP TO
2X
MORE
POWER

UP TO
4X
MORE
RUN-TIME

LONGER LIFE



MORE POWER



MORE RUN-TIME



UNMATCHED POWER



■ POWERSTATE™ Brushless Motor Provides Higher Sustained Torque to Complete the Hardest Applications



**MORE RUN-TIME
VS. 18 VOLT**



M12 FUEL™ VS. COMPETITORS

	Milwaukee®	Milwaukee®	Competitor 1	Competitor 2
	34G852 (2404-22)	34G850 (2403-22)		
	HAMMER DRILLS			
Chuck	1/2" Metal	1/2" Metal	3/8" Plastic	3/8" Plastic
Power	350	350	189 UWO	240
RPM	0 - 450 / 0 - 1,700	0 - 450 / 0 - 1,700	0 - 400 / 0 - 1,500	0 - 350 / 0 - 1,300
BPM	0-22,500	NA	NA	NA
Speed Settings	2 Speed	2 Speed	2 Speed	2 Speed
Battery Capacity	2.0 & 4.0 Ahr	2.0 & 4.0 Ahr	1.3 Ahr	1.3 Ahr
Composition	Li-ion	Li-ion	Li-ion	Li-ion
On-Board Fuel Gauge	Yes	Yes	No	No
LED Light	Yes	Yes	Yes	Yes
Clutch Setting	18	18	15 + 1	18
Overall Length (OAL)	7.875"	7.625"	7.63"	7.4"

M12 FUEL™ VS. COMPETITORS

	Milwaukee®	Competitor 1	Competitor 2
	34G848 (2402-22)		
	SCREWDRIVER MARKET		
Chuck	1/4" Hex	1/4" Hex	1/4" Hex
Power	325	160 UWO	200
RPM	0 - 450 / 0 - 1,700	0 - 1,050	0 - 350 / 0 - 1,300
BPM	NA	NA	NA
Speed Settings	2 Speed	Single Speed	2 Speed
Battery Capacity	2.0 Ahr	1.3 Ahr	1.3 Ahr
Composition	Li-ion	Li-ion	Li-ion
On-Board Fuel Gauge	Yes	No	No
LED Light	Yes	Yes	Yes
Clutch Setting	18	15 + 1	18
Overall Length (OAL)	6.65"	6.25"	6.1875"





34G866
(2452-22)

34G868
(2453-22)

34G870
(2454-22)



1/4" Impact Wrench Kit



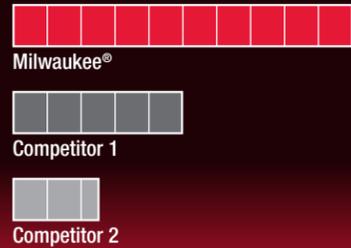
1/4" Hex Impact Driver Kit



3/8" Impact Wrench Kit

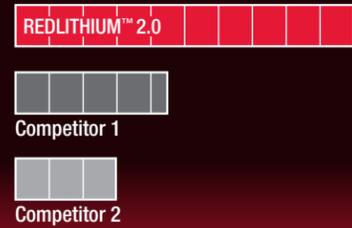
UP TO
3X
LONGER
MOTOR LIFE

LONGER LIFE



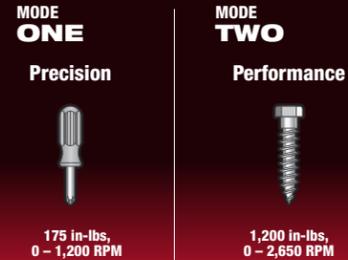
UP TO
2X
MORE
RUN-TIME

MORE RUN-TIME



PROPRIETARY
2-MODE
DRIVE CONTROL™

2-MODE DRIVE CONTROL™



IMPACT DRIVERS & WRENCHES

M12 FUEL

PROPRIETARY 2-MODE DRIVE CONTROL™



MODE 1: PRECISION

■ 0 - 1,200 RPM & 175 in-lbs of torque for work with small fasteners and applications that require maximum control



MODE 2: PERFORMANCE

■ 0 - 2,650 RPM & 1,200 in-lbs of torque for maximum performance in heavy duty applications

M12 FUEL™ VS. COMPETITORS

	Milwaukee®	Competitor 1	Competitor 2	Competitor 3
				
	34G868 (2453-22)			
	1/4" HEX IMPACT DRIVER			
Torque (in-lbs)	175 / 1,200	950	800	930
RPM	0 - 1,200 / 0 - 2,650	0 - 2,450	0 - 2,400	0 - 2,600
Max IPM	0 - 3,550	0 - 3,400	0 - 3,000	0 - 3,100
Length	6"	6-1/4"	6"	5-1/2"
Tool Weight (lbs.)	2.2	2.3	2.0	2.1
Adjustable Speed/Torque	2-Mode	No	No	No
Chuck	One-Handed Bit Insertion	One-Handed Bit Insertion	Two-Handed Bit Insertion	Two-Handed Bit Insertion

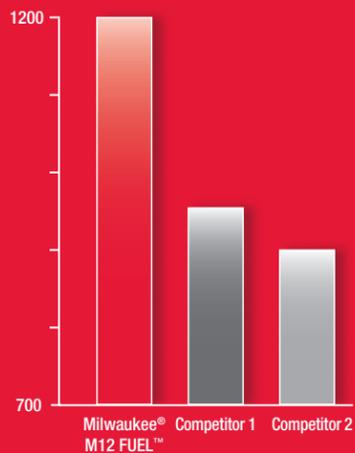
M12 FUEL™ VS. COMPETITORS

	Milwaukee®	Competitor 1	Competitor 2
			
	34G870 (2454-22)		
	3/8" IMPACT WRENCH		
Torque (in-lbs)	200 / 1,400	1,150	1,000
Torque (ft-lbs)	17 / 117	96	83
RPM	0 - 1,200 / 0 - 2,650	0 - 2,450	0 - 2,300
Max IPM	0 - 3,500	0 - 3,400	0 - 3,000
Length	6-1/4"	6-1/4"	6-3/8"
Tool Weight (lbs.)	2.4	2.3	2.1
Adjustable Speed/Torque	2-Mode	No	No
Anvil Type	Friction Ring	Friction Ring	Friction Ring

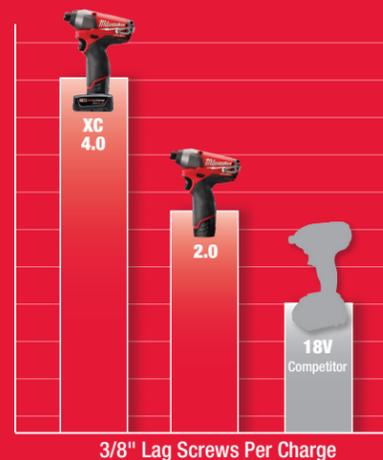
	Milwaukee®
	
	34G866 (2452-22)
	1/4" IMPACT WRENCH
Torque (in-lbs)	120 / 500
Torque (ft-lbs)	10 / 42
RPM	0 - 1,200 / 0 - 2,650
Max IPM	0 - 4,000
Length	5-3/4"
Tool Weight (lbs.)	2.1
Adjustable Speed/Torque	2-Mode
Anvil Type	Friction Ring



MORE TORQUE



20% MORE RUN-TIME VS. 18 VOLT





FUEL™

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FUEL™

FUEL™

FUEL™

FUEL™

M12



UPGRADE YOUR TOOL

NEW REDLITHIUM™ 2.0/XC4.0 Batteries
Fully System Compatible with
all 50+ M12™ Tools and Chargers

