



**HIGH OUTPUT™**

**50%**  
**MORE POWER**  
**& RUNS COOLER**  
VS REDLITHIUM™

**SUPERCHARGER**

CHARGES UP TO

**4X FASTER**

Optimized for  
**HIGH OUTPUT™**  
Batteries



**REDLITHIUM™**

**M18 M12**

**BATTERIES AND CHARGING  
SOLUTIONS GUIDE**





**REDLITHIUM™**

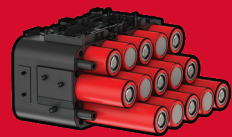
## INDUSTRY LEADERS IN LITHIUM-ION TECHNOLOGY

MILWAUKEE® has consistently delivered advancements providing users with more power, extended run-time, longer life, and faster charging while maintaining full system compatibility since 2007. MILWAUKEE® was first to introduce lithium-ion battery technology in power tools, and leads the industry by continuing to drive innovation in cell technology, pack construction, electronics, and intelligent charging solutions to maximize user productivity.



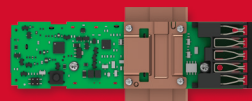
### CELL TECHNOLOGY

REDLITHIUM™ batteries leverage the best-performing and highest-quality lithium-ion technology, developed through deep partnerships with world leaders in cell design. Our world-class battery lab ensures optimum performance and life for the most demanding jobsite conditions.



### PACK CONSTRUCTION

REDLITHIUM™ batteries utilize unique, patented designs to protect against drops, water, and extreme temperatures. This significantly improves durability in harsh jobsite environments.



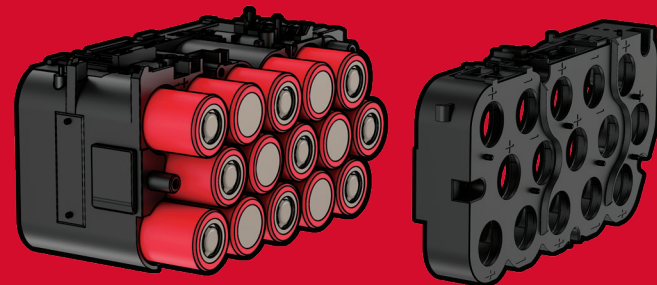
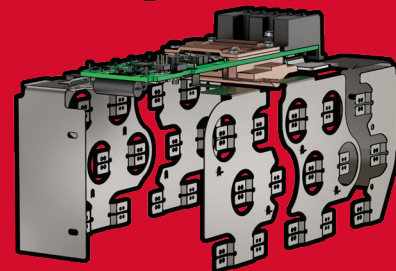
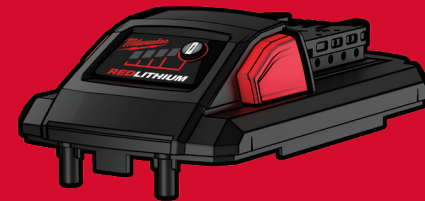
### ROBUST ELECTRONICS

REDLINK™ Intelligence provides industry-leading communication between the battery, tools and chargers ensuring optimum tool performance, compatibility, and battery life.



### INTELLIGENT CHARGING

REDLINK™ Intelligence in all MILWAUKEE® chargers adjusts charge rates for every battery, maximizing charge speed and pack life.



**MORE  
POWER**

**MORE  
RUN-TIME**

**LONGER  
BATTERY LIFE**

**FITS M18™ TOOLS SINCE 2007**

## PACKS FOR EVERY DEMAND

**M18™**

**M12™**



**BEST PERFORMANCE  
FOR HIGH DEMAND  
APPLICATIONS**



**MORE POWER AND  
RUN-TIME; GREAT  
PERFORMANCE FOR  
ALL DEMANDS**



**LESS WEIGHT AND  
SMALLER SIZE**

HEAVY DEMAND

LIGHT DEMAND



**MORE POWER AND  
RUN-TIME**



**LESS WEIGHT AND  
SMALLER SIZE**



REDLITHIUM™

HIGH OUTPUT™

50%  
MORE POWER  
& RUNS COOLER  
VS REDLITHIUM™



HIGH OUTPUT™  
CP



HIGH OUTPUT™  
XC



HIGH OUTPUT™  
HD

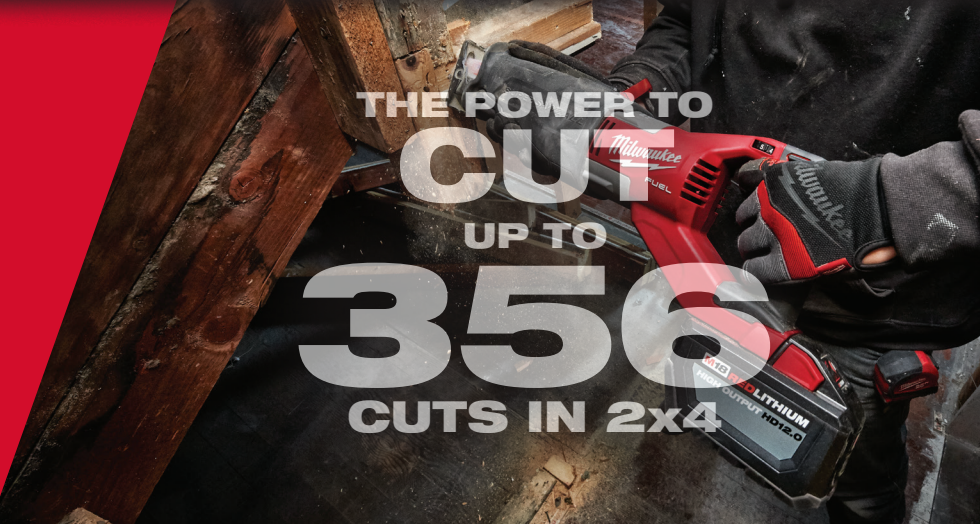


UPGRADING THE PERFORMANCE  
OF THE ENTIRE M18™ SYSTEM

M18™ REDLITHIUM™ HIGH OUTPUT™ Batteries deliver more power and run cooler, while providing more run-time and faster charging vs. their M18™ REDLITHIUM™ counterparts. This allows users to experience faster application speeds and greater productivity in all three segments of M18™ Batteries (CP, XC, and HD), under one fully compatible system.

HIGH OUTPUT™ HD

The most power and run-time of all batteries. True corded and gas replacement, with ideal performance for high demand applications and tools.



HIGH OUTPUT™ XC

More power and run-time versus compact batteries, with a great balance of performance and weight for a wide variety of tools and applications.



HIGH OUTPUT™ CP

Powerful, with less weight and smaller size for reduced user fatigue and a better fit in tight spaces. Perfect for overhead work, and lightweight tools with users desiring XC power in a compact size.







BATTERY COMPATIBILITY

M18

PERFORMANCE DRIVEN  
TRADE FOCUSED  
SYSTEM WIDE



M12

PORTABLE PRODUCTIVITY  
TRADE FOCUSED  
SYSTEM WIDE



FITS M18™ TOOLS



BEST PERFORMANCE FOR HIGH DEMAND APPLICATIONS



**HIGH OUTPUT™**  
**48-11-1812**  
M18™ REDLITHIUM™  
HIGH OUTPUT™  
HD12.0 Battery Pack



**48-11-1890**  
M18™ REDLITHIUM™  
HD9.0 Battery Pack



MORE POWER AND RUN-TIME; GREAT PERFORMANCE FOR ALL DEMANDS



**HIGH OUTPUT™**  
**48-11-1880**  
M18™ REDLITHIUM™  
HIGH OUTPUT™  
XC6.0 Battery Pack

NEW



**HIGH OUTPUT™**  
**48-11-1865**  
M18™ REDLITHIUM™  
HIGH OUTPUT™  
XC6.0 Battery Pack  
**48-11-1862**  
2-Pack



**48-11-1850**  
M18™ REDLITHIUM™  
XC5.0 Battery Pack  
**48-11-1852**  
2-Pack



**48-11-1828**  
M18™ REDLITHIUM™  
XC3.0 Battery Pack  
**48-11-1822**  
2-Pack



LESS WEIGHT AND SMALLER SIZE



**HIGH OUTPUT™**  
**48-11-1835**  
M18™ REDLITHIUM™  
HIGH OUTPUT™  
CP3.0 Battery Pack  
**48-11-1837**  
2-Pack

NEW



**48-11-1820**  
M18™ REDLITHIUM™  
CP2.0 Battery Pack



**48-11-1815**  
M18™ REDLITHIUM™  
CP1.5 Battery Pack



FITS M12™ TOOLS



MORE POWER AND RUN-TIME



**48-11-2460**  
M12™ REDLITHIUM™  
XC6.0 Battery Pack



**48-11-2402**  
M12™ REDLITHIUM™  
XC3.0 Battery Pack  
**48-11-2412**  
2-Pack



LESS WEIGHT AND SMALLER SIZE



**48-11-2430**  
M12™ REDLITHIUM™  
CP3.0 Battery Pack



**48-11-2420**  
M12™ REDLITHIUM™  
CP2.0 Battery Pack



**48-11-2401**  
M12™ REDLITHIUM™  
CP1.5 Battery Pack  
**48-11-2411**  
2-Pack





# SUPER, RAPID & STANDARD CHARGING SOLUTIONS

CHARGE UP TO

## 4X FASTER

with **SUPERCHARGER**

**REDLITHIUM™**  
HIGH OUTPUT **HD12.0**



**1 HR SUPER\***

**2 HR RAPID**

**4 HR STANDARD**

CHARGE TIME

	<b>SUPER</b>			<b>RAPID</b>			<b>STANDARD</b>					
	<b>M18™ and M12™ Super Charger</b> 48-59-1811	<b>M18™ and M12™ Rapid Charger</b> 48-59-1808	<b>M18™ and M12™ Rapid Charge Station</b> 48-59-1807	<b>M18™ and M12™ Multi-Voltage Charger</b> 48-59-1812	<b>M18™ and M12™ Vehicle Charger</b> 48-59-1810	<b>M18™ Six Pack Sequential Charger</b> 48-59-1806	<b>M12™ Charger</b> 48-59-2401	<b>M12™ Compact Charger and Power Source</b> 48-59-1201	<b>M12™ Four Bay Sequential Charger</b> 48-59-1204	<b>M18™ ROCKET™ Tower Light/Charger</b> 2135	<b>M18™ RADIUS™ Site Light/Charger w/ ONE-KEY™</b> 2150	<b>M18™ Jobsite Radio/Charger</b> 2792
FEATURES												
M18™ Ports	1	1	3	1	1	6				1	2	1
M12™ Ports	1	1	3	1	1		1	1	4			
Charge Type	Sequential	Sequential	3 Packs Simultaneous	Sequential	Sequential	Sequential	Single	Single	Sequential	Single	Sequential	Single
Power Source	AC	AC	AC	AC	DC	AC	AC	AC or USB	AC	AC	AC	AC
Carry Handle			✓			✓				✓	✓	✓
Wall Mountable	✓	✓	✓	✓	✓	✓	✓		✓			



<b>HIGH OUTPUT™</b>									
M18™ HD12.0	M18™ XC8.0	M18™ XC6.0	M18™ CP3.0	M18™ HD9.0	M18™ XC5.0	M18™ CP2.0	M12™ XC3.0	M12™ CP2.0	
<b>SUPERCHARGER</b>	60 min	45 min	35 min	35 min	103 min	70 min	27 min	46 min	30 min
<b>RAPIDCHARGER</b>	130 min	83 min	65 min	35 min	103 min	60 min	27 min	46 min	30 min
<b>STANDARD CHARGER</b>	241 min	162 min	123 min	65 min	184 min	105 min	42 min	63 min	43 min

\*Estimated charge durations based on testing conducted by Milwaukee Tool at room temperature. Actual results may vary. Visit [milwaukeetool.com/charge](https://milwaukeetool.com/charge) for a comprehensive list of charge durations.



**REDLINK™ INTELLIGENCE**  
in Every MILWAUKEE® Charger

REDLINK™ Intelligence optimizes charge rates based on the battery type and temperature. This provides the best combination of charge time and pack life.