

[manuals.plus](#) /› [AVID POWER](#) /› [AVID POWER 20V MAX 1.5 Ah Lithium Ion Rechargeable Battery Instruction Manual](#)

AVID POWER AP15B

AVID POWER 20V MAX 1.5 Ah Lithium Ion Rechargeable Battery Instruction Manual

1. INTRODUCTION

Thank you for choosing the AVID POWER 20V MAX 1.5 Ah Lithium Ion Rechargeable Battery (Model AP15B). This manual provides essential information for the safe and effective use, charging, and maintenance of your battery. Please read these instructions carefully before use and retain them for future reference.

2. SAFETY INFORMATION

WARNING: Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- Always use the correct charger for this battery. The charger is not included with this battery.
- Do not expose the battery to water or rain.
- Do not store the battery in extremely hot or cold environments. Low temperatures may cause the battery to fail.
- Do not attempt to open, disassemble, or service the battery pack.
- Avoid short-circuiting the battery terminals.
- Do not incinerate the battery pack, even if it is severely damaged or completely dead. It can explode in a fire.
- Dispose of used batteries responsibly according to local regulations.

This AVID POWER battery features built-in multi-protection systems to ensure safety and longevity:

- **Over-charger protection:** Prevents overcharging.
- **Over-heating protection:** Safeguards against excessive temperatures.
- **Over-discharge protection:** Prevents deep discharge.
- **Short circuit protection:** Protects against short circuits.
- **Over-current protection:** Manages current flow.
- **Over-voltage protection:** Guards against voltage spikes.

Detail Show



Connector Design



Latches: easy to install and move

Battery Level



Image: Diagram showing the six built-in protection features of the battery.

3. PRODUCT OVERVIEW

The AVID POWER 20V MAX 1.5 Ah Lithium Ion Rechargeable Battery is designed to provide reliable power for compatible AVID POWER 20V cordless tools. Its compact design and advanced lithium-ion technology ensure efficient performance and a longer lifespan.



Image: Front view of the AVID POWER 20V MAX 1.5 Ah Lithium Ion Rechargeable Battery.

Key Features:

- **1.5 Ah Capacity:** Provides extended run time for various tasks.
- **Lithium-Ion Technology:** Offers more efficiency and no memory effect.
- **LED Indicator Lights:** Three lights display real-time battery capacity and charging status.
- **Easy Release Button:** For quick and secure attachment/detachment from tools.



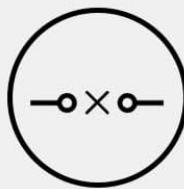
Over-charger protection



Over-heating protection



Over-discharge protection



Short circuit protection



Over-current protection



Over-voltage protection

Image: Close-up view of the battery showing the LED indicator lights.

4. COMPATIBILITY

This battery is specifically designed for use with certain AVID POWER 20V cordless tools. Please verify your tool's model number against the lists below to ensure compatibility.

NOT COMPATIBLE with:

Any machines from Hyper Tough, Dewalt, BLACK+DECKER, CRAFTSMAN, RYOBI, WORKPRO, Milwaukee, Makita, Bosch, etc.

AVID POWER Drills: ACD136, ACD136-B

AVID POWER Tire Inflators: ACAP115D-DW, ACAP110D-Y, ACAP110D-Blue, ACAP322-G

AVID POWER Impact Wrenches: ACIW340, ACIW326, ACIW326-B, ACIW326-G, ACIW338

AVID POWER Angle Grinders: ACAG330, ACAG330-G

AVID POWER Leaf Blowers: ACVB432, ACVB222

AVID POWER Chargers: AP30C-H, ACIW326-S, ACAP110D-Charger, ACD136-Charger, ACRT324-C

ALL 4V/8V/12V Series Cordless Power Tools & Chargers



Attention

This Battery is Not Compatible with:

Drill

--ACD136, ACD136-B;

Tire Inflator

--ACAP115D-DW, ACAP110D-Y, ACAP110D-Blue, ACAP322-G;

Impact Wrench

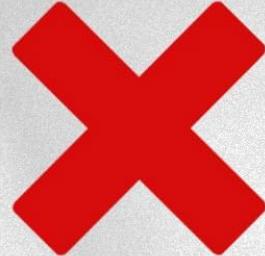
--ACIW340, ACIW326, ACIW326-B, ACIW326-G, ACIW338;

Angle Grinder

--ACAG330, ACAG330-G;

Leaf blower

--ACVB432, ACVB222;



Charger

--AP30C-H, ACIW326-S, ACAP110D-Charger,
ACD136-Charger, ACRT324-C;

ALL

--4V/8V/12V Series Cordless Power Tools & Charger

Image: Visual guide indicating incompatible AVID POWER tools.

ONLY COMPATIBLE for:

AVID POWER Drills: ACD316, ACD316-P, ACD316-B, ACD316N, ACD318, ACD318DB, ACD320, ACD326

AVID POWER Tire Inflators: ACAP115D, ACAP115D-B, ACAP115D-O, ACAP115D-P, ACAP115D-Y,
ACAP334, ACAP334-02, ACAP328, ACAP328-0

AVID POWER Saws: ACRSS334, ACRSS334-G, ACJS326

AVID POWER Leaf Blowers: ACVB220, ACVB234

AVID POWER Glue Guns: ACGG110, ACGG110-P

AVID POWER Impact Wrenches: ACIS334B

AVID POWER Impact Drivers: ACIS326A

AVID POWER Oscillating Tools: ACMT326

AVID POWER Orbital Sanders: ACOS326

AVID POWER Charger: MW20C

One System for Endless Tasks



Image: Visual guide indicating compatible AVID POWER tools.

5. SETUP AND INSTALLATION

To install the battery into a compatible AVID POWER 20V tool:

1. Align the battery pack with the battery port on the tool.
2. Slide the battery into the tool until it clicks securely into place. Ensure it is fully seated and does not wobble.

To remove the battery from a tool:

1. Press and hold the battery release button, typically located on the side or front of the battery.

2. While holding the button, slide the battery out of the tool.

Get More Done With One Battery



Image: The AVID POWER 20V MAX 1.5 Ah Lithium Ion Rechargeable Battery installed in a cordless drill.

6. CHARGING INSTRUCTIONS

This battery requires a compatible AVID POWER 20V charger (not included). It typically takes 3-5 hours to fully charge the battery.

1. Connect the compatible AVID POWER charger to a power outlet.
2. Slide the battery pack onto the charger until it clicks into place.
3. Monitor the LED indicator lights on the battery to observe the charging status. The lights will typically indicate progress and a full charge.
4. Once fully charged, remove the battery from the charger.

Important Charging Tips:

- To extend battery life, fully charge the battery after each use.
- Ensure the battery is charged at least every three months, even if not in use, to maintain optimal performance.

7. OPERATING INSTRUCTIONS

Once the battery is securely installed in a compatible AVID POWER 20V tool, the tool is ready for operation according to its specific instruction manual. The battery provides consistent power output for efficient task completion.

Safe and Reliable



Image: The AVID POWER 20V MAX 1.5 Ah Lithium Ion Rechargeable Battery shown alongside various compatible AVID POWER tools.

8. MAINTENANCE AND STORAGE

Proper maintenance and storage will prolong the life of your AVID POWER battery.

- Keep the battery clean and dry. Wipe off any dust or debris with a soft, dry cloth.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- Avoid storing batteries in cold places, as low temperatures can significantly reduce their performance and lifespan.
- For long-term storage, ensure the battery is partially charged (around 50%) and recharge it every three months.

9. TROUBLESHOOTING

If you experience issues with your AVID POWER battery, consider the following:

- **Battery not charging:** Ensure the charger is properly plugged in and the battery is correctly seated on the charger. Verify the charger is compatible with this battery model.
- **Tool not powering on:** Check if the battery is fully charged and securely installed in the tool. Ensure the tool itself is functioning correctly.
- **Reduced run time:** Battery capacity naturally decreases over time. Ensure proper charging and storage practices are followed. If the issue persists, the battery may need replacement.
- **Overheating during use/charging:** The battery has built-in overheating protection. Allow the battery to cool down before resuming use or charging. If overheating is frequent, discontinue use and contact support.

For further assistance, please contact AVID POWER customer support.

10. SPECIFICATIONS

Specification	Value
Brand	AVID POWER
Model Number	AP15B
Voltage	20V MAX
Battery Capacity	1.5 Ah (1500 Milliamp Hours)
Battery Cell Composition	Lithium Ion
Item Weight	12.7 ounces
Product Dimensions	5.1 x 3.1 x 2.5 inches
Recommended Uses	Power Tool

11. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided with your original AVID POWER tool or visit the official AVID POWER website. You may also contact AVID POWER customer service directly for assistance with your battery.

Related Documents - AP15B

 <p>Any product return requests, please contact us at the following address: E-mail: service@avidpowertool.com Or by fax: 800-338-0000</p> <p>MODEL: ACAP110D</p>	<p><u>Avid Power ACAP110D 20V Automatic Cordless Inflator User Manual</u></p> <p>User manual for the Avid Power ACAP110D 20V Automatic Cordless Inflator. This document provides important safety instructions, specifications, operational guidance, maintenance procedures, and a parts list.</p>
 <p>20V CORDLESS DRILL/DRIVER</p> <p>Operator's Manual</p> <p>Send this manual to your employer or supervisor for the tool and the original data sheet in a safe place for future reference.</p>	<p><u>Avid Power 20V Cordless Drill/Driver Operator's Manual</u></p> <p>Operator's manual for the Avid Power 20V Cordless Drill/Driver, including safety instructions, product specifications, tool components, adjustment, operation, maintenance, parts list, and schematic drawing.</p>
 <p>Hyper TOUGH 20 VOLT MAX INSTRUCTION MANUAL</p>	<p><u>Hyper Tough 20V MAX Lithium-Ion Cordless Drill/Driver AQ75034G User Manual</u></p> <p>Comprehensive user manual for the Hyper Tough 20V MAX Lithium-Ion Cordless Drill/Driver (Model AQ75034G), covering safety, operation, technical specifications, troubleshooting, and warranty information.</p>
 <p>THANK YOU FOR YOUR PURCHASE!</p> <p>SCAN CODE REGISTER UPGRADE YOUR OWNERSHIP UPGRADE YOUR OWNERSHIP DEALS & SUPPORT WEBSITE PDF ONLINE parkside-diy.com</p>	<p><u>Snow Joe X20-SNOW-5A Cordless Snow Shovel Operator's Manual</u></p> <p>This operator's manual provides essential safety instructions, operating procedures, maintenance guidelines, and technical specifications for the Snow Joe X20-SNOW-5A Cordless Snow Shovel, ensuring safe and effective use.</p>
 <p>PDF ONLINE parkside-diy.com</p> <p>OWMM GmbH & Co. KG Südharzstraße 1 74350 Tauberbischofsheim GERMANY</p> <p>Model No.: HQ12000 Version: 07/2022</p> <p>IAN 505127_2501</p>	<p><u>Parkside 20V / 4Ah Rechargeable Battery PAP 20 B3 - Operating Instructions</u></p> <p>Official operating and safety instructions for the Parkside 20V / 4Ah Rechargeable Battery PAP 20 B3. Covers intended use, features, technical data, safety warnings, charging, maintenance, and warranty information.</p>
 <p>DCD800 20V Max* Compact 1/2" (13 mm) Drill/Driver Perceuse/Visseuse compacte de 13 mm (1/2 po), 20 V Max* DCD805 20V Max* Compact 1/2" (13 mm) Drill/Driver/Hammerdrill Perceuse/Visseuse compacte à perceuse, perceuse et marteau de 13 mm (1/2 po), 20 V Max* Taladro/Percutor/Martillo Compacto de 20 V Max* 13 mm (1/2")</p> <p>www.Dewalt.com</p> <p>For more detailed information, contact us: Por más información detallada, comuníquese con nosotros: 1-800-4-Dewalt</p>	<p><u>DEWALT DCD800 & DCD805 20V Max* Compact Drill/Driver & Hammerdrill Instruction Manual</u></p> <p>Official instruction manual for DEWALT DCD800 and DCD805 20V Max* Compact 1/2" Drill/Driver and Drill/Driver/Hammerdrill. Includes safety warnings, operating instructions, maintenance, and specifications.</p>