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› [AVID POWER 20V MAX 1.5 Ah Lithium Ion Rechargeable Battery User Manual \(Model AP15B\)](#)

## AVID POWER AP15B

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

Model: AP15B

## 1. SAFETY INFORMATION

Please read and understand all safety instructions before using the AVID POWER 20V MAX 1.5 Ah Lithium Ion Rechargeable Battery. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

### General Battery Safety

- Do not disassemble, open, or shred battery packs.
- Do not short-circuit a battery pack. Do not store battery packs haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by conductive materials.
- Do not expose battery packs to heat or fire. Avoid storage in direct sunlight.
- Do not subject battery packs to mechanical shock.
- In the event of battery leakage, do not allow the liquid to come into contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.
- Keep battery packs clean and dry.
- Recharge only with the charger specified by the manufacturer.
- Do not use any charger other than that specifically provided for use with the equipment.
- Do not leave a battery on charge when not in use.

### Storage and Maintenance

- To extend battery life, fully charge the battery after each use.
- Ensure the battery is charged every three months, even if not in use.
- Avoid storing batteries in cold places, as low temperatures may cause them to fail.
- The battery features built-in overcharge and overheating protection systems to ensure longer battery life.

## 2. PRODUCT OVERVIEW

The AVID POWER 20V MAX 1.5 Ah Lithium Ion Rechargeable Battery (Model AP15B) is designed to provide

reliable power for compatible AVID POWER 20V cordless tools. Its lithium-ion technology offers extended run time and improved performance without memory effect.



Image: AVID POWER 20V MAX 1.5 Ah Lithium Ion Battery shown with a range of compatible cordless tools.

## Key Features

- **Voltage:** 20V MAX
- **Capacity:** 1.5 Ah (1500 Milliamp Hours)
- **Battery Type:** Lithium Ion
- Longer run time compared to other battery types.
- No memory effect, allowing for charging at any time without reducing battery life.
- Built-in overcharge and overheating protection for enhanced durability.
- Three LED indicator lights display real-time capacity and charging status.

## Package Contents

- 1 x AVID POWER 20V MAX 1.5 Ah Lithium Ion Rechargeable Battery (Charger is not included)

## 3. COMPATIBILITY

This AVID POWER 20V MAX 1.5 Ah Lithium Ion Rechargeable Battery is designed for specific AVID POWER 20V cordless tools. Please review the compatibility lists below carefully.

### Compatible AVID POWER 20V Tools

# ATTENTION

THIS BATTERY IS NOT COMPATIBLE WITH:

DRILL		TIRE INFLATOR		ANGLE GRINDER			
ACD136 ACD136-B		ACAP115D-DW ACAP110D-Blue ACAP110D-Y ACAP322-G		ACAG330 ACAG330-G			
							
IMPACT WRENCH		LEAF BLOWER		CHARGER		ALL	
ACIW340 ACIW326-B ACIW326 ACIW338		ACVB222 ACVB432		AP30C-H, ACIW326-S, ACAP110D-Charger, ACD136-C, ACRT324-C;		4V/8V/12V SERIES CORDLESS POWER TOOLS	
						.....	

Image: Compatible AVID POWER 20V Tools (Part 1)

# ATTENTION

ONLY COMPATIBLE FOR:

DRILL							GLUE GUN	
ACD316	ACD316-B	ACD318	ACD320				ACGG110	ACGG110-P
ACD316-P	ACD316N	ACD318DB	ACD326					
								
TIRE INFLATOR					SAW			
ACAP115D	ACAP115D-O	ACAP115D-Y	ACAP328	ACAP115D-B	ACRS334	ACJS326		
ACAP115D-P	ACAP334	ACAP328-O	ACAP334-02		ACRS334-G			
								

Image: Compatible AVID POWER 20V Tools (Part 2)

ONLY Compatible for:

Tool Type	Compatible Models
Drill	ACD316, ACD316-P, ACD316-B, ACD316N, ACD318, ACD318DB, ACD320, ACD326
Tire Inflator	ACAP115D, ACAP115D-B, ACAP115D-O, ACAP115D-P, ACAP115D-Y, ACAP334, ACAP334-02, ACAP328, ACAP328-O
Saw	ACRS334, ACRS334-G, ACJS326
Leaf Blower	ACVB220, ACVB234
Glue Gun	ACGG110, ACGG110-P
Impact Wrench	ACIS334B
Impact Driver	ACIS326A

Tool Type	Compatible Models
Oscillating Tool	ACMT326
Orbital Sander	ACOS326
Charger	MW20C

### Incompatible Tools and Chargers



Image: Incompatible AVID POWER 20V Tools and Chargers

#### This battery is NOT COMPATIBLE with:

- Any machines from Hyper Tough, Dewalt, BLACK+DECKER, CRAFTSMAN, RYOBI, WORKPRO, Milwaukee, Makita, Bosch, and similar brands.
- AVID POWER Drill models: ACD136, ACD136-B.
- AVID POWER Tire Inflator models: ACAP115D-DW, ACAP110D-Y, ACAP110D-Blue, ACAP322-G.
- AVID POWER Impact Wrench models: ACIW340, ACIW326, ACIW326-B, ACIW326-G, ACIW338.
- AVID POWER Angle Grinder models: ACAG330, ACAG330-G.
- AVID POWER Leaf Blower models: ACVB432, ACVB222.
- AVID POWER Charger models: AP30C-H, ACIW326-S, ACAP110D-Charger, ACD136-Charger, ACRT324-C.
- ALL AVID POWER 4V/8V/12V Series Cordless Power Tools & Chargers.

## 4. CHARGING THE BATTERY

The AVID POWER 20V MAX 1.5 Ah Lithium Ion Rechargeable Battery does not include a charger. Please use a compatible AVID POWER 20V charger (e.g., MW20C) for charging.

### Charging Process

1. Connect the compatible AVID POWER 20V charger to a power outlet.

2. Slide the battery pack onto the charger until it clicks into place.
3. The LED indicator lights on the battery will illuminate to show the charging status.
4. A full charge typically takes 3-5 hours.
5. Once fully charged, remove the battery from the charger.

### LED Indicator Lights



Image: Battery LED Indicator Lights

The three LED indicator lights provide real-time information on the battery's charge level and charging status.

## 5. INSTALLATION AND REMOVAL

The battery features a non-slip button and latches for easy installation and removal from compatible AVID POWER 20V cordless tools.



Image: Battery Detail Showcasing Connector, Latches, and Indicator

### Installing the Battery

1. Align the battery pack with the battery slot on your compatible AVID POWER 20V cordless tool.
2. Slide the battery into the tool until it clicks securely into place. Ensure the latches engage properly.

### Removing the Battery

1. Locate the non-slip release button on the battery pack.
2. Press and hold the release button.

- Slide the battery pack out of the tool.

## 6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your AVID POWER battery.

- **Regular Charging:** Fully charge the battery after each use. For prolonged storage, ensure the battery is charged every three months.
- **Storage Conditions:** Store the battery in a cool, dry place away from direct sunlight and extreme temperatures. Avoid storing in cold places, as this can negatively impact performance and lifespan.
- **Cleaning:** Keep the battery contacts clean. Use a dry cloth to wipe away any dust or debris. Do not use liquids or solvents.
- **Inspection:** Periodically inspect the battery for any signs of damage, such as cracks or swelling. Do not use a damaged battery.

## 7. TROUBLESHOOTING

If you encounter issues with your AVID POWER battery, refer to the following common troubleshooting steps.

### Battery Not Charging

- **Check Charger Connection:** Ensure the charger is properly plugged into a working power outlet and the battery is securely seated on the charger.
- **Verify Charger Compatibility:** Confirm you are using a compatible AVID POWER 20V charger (e.g., MW20C).
- **Inspect Battery and Charger:** Check for any visible damage to the battery or charger. Do not use if damaged.
- **Temperature:** Ensure the battery and charger are within the recommended operating temperature range. Extremely cold or hot conditions can prevent charging.

### Battery Not Powering Tool

- **Check Battery Charge:** Verify the battery has sufficient charge using the LED indicator lights. Recharge if necessary.
- **Ensure Proper Installation:** Make sure the battery is fully inserted and locked into the tool.
- **Tool Compatibility:** Confirm the tool is listed as compatible with this battery model (AP15B). Refer to the compatibility section.
- **Tool Malfunction:** Test the tool with another known-good, charged battery if available to rule out a tool issue.

If problems persist after following these steps, please contact AVID POWER customer support.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	AP15B
Product Dimensions	5.1 x 3.1 x 2.5 inches
Item Weight	12.7 ounces
Battery Type	Lithium Ion
Voltage	20V MAX
Battery Capacity	1.5 Ah (1500 Milliamp Hours)
Recommended Use	Power Tool
Manufacturer	AVID POWER
Date First Available	December 26, 2018

## 9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your AVID POWER 20V MAX 1.5 Ah Lithium Ion Rechargeable Battery, please contact AVID POWER customer service directly.

You can visit the official AVID POWER store for more information and contact details:

[Visit the AVID POWER Store](#)