

## AVID POWER AP30B

# AVID POWER 3.0Ah 20V Lithium-Ion Battery User Manual

Model: AP30B | Brand: AVID POWER

## 1. IMPORTANT COMPATIBILITY NOTES

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This AVID POWER 3.0Ah 20V Lithium-Ion Battery (Model AP30B) is designed for specific AVID POWER tools. Please review the compatibility details carefully before use.

- **Only Compatible With:** AVID POWER 20V Cordless Impact Wrench ACIW326/ACIW326-B with Serial Number (SN#) A2045 - A2242.
- **Also Compatible With:** AVID POWER 20V Cordless Angle Grinder ACAG330.
- **Important Note:** Do NOT purchase this battery if the Serial Number (SN#) of your impact wrench is A2243 or later. For those models, search for the AVID POWER AP30B-H battery.
- **Charger Compatibility:** For impact wrenches ordered before 2021, this battery may not be compatible with older fast chargers. Please use the improved Fast Charger ACIW326-W with this battery. Only use AVID POWER fast charger ACIW326-W to charge this 3.0 Ah battery.
- **Not Compatible With:** AVID POWER Tire Inflator. For tire inflator batteries, please search for AVID POWER MW20B or AP20B.

**CHECK the SN# on the machine before purchase**

**This Battery is ONLY COMPATIBLE for :**

## **Impact Wrench**

ACIW326, ACIW326-B with SN#A2045 to A2242

## **Angle Grinder**

ACAG330

## **Battery Charger**

ACIW326-W/ACIW326-S



Image 1: This image illustrates the AVID POWER 3.0Ah battery's compatibility with the ACIW326 (red) and ACIW326-B (blue) impact wrenches, and the ACAG330 angle grinder. It highlights the serial number range (A2045 - A2242) for compatible impact wrenches.

**DON'T purchase this battery if the Serial Number (SN#) of the impact wrench is A2243 or after that, search AVID POWER AP30B-H battery and buy that one.**

Image 2: This image displays a critical warning: Do not purchase this battery if your impact wrench's serial number is A2243 or later. It advises searching for the AVID POWER AP30B-H battery instead for newer models.

## 2. PRODUCT OVERVIEW AND FEATURES

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The AVID POWER AP30B is a 3.0Ah, 20V Lithium-Ion battery designed to provide reliable power for compatible AVID POWER tools. It incorporates multiple protection features to ensure safe and efficient operation.

### Key Features:

- **High Capacity:** 3.0 Amp-hour (3000 Milliamp Hours) for extended runtime.
- **Voltage:** 20 Volts, providing consistent power output.
- **Rechargeable:** Lithium-Ion cell composition for long life and repeated charging cycles.

- **Integrated Protection Systems:** Includes over-charge, over-heating, over-discharge, over-current, over-voltage, and short circuit protection for enhanced safety and battery longevity.



Image 3: This image displays the AVID POWER 3.0Ah battery, highlighting its internal structure and various protection features such as over-charge, over-heating, over-discharge, over-current, over-voltage, and short circuit protection.

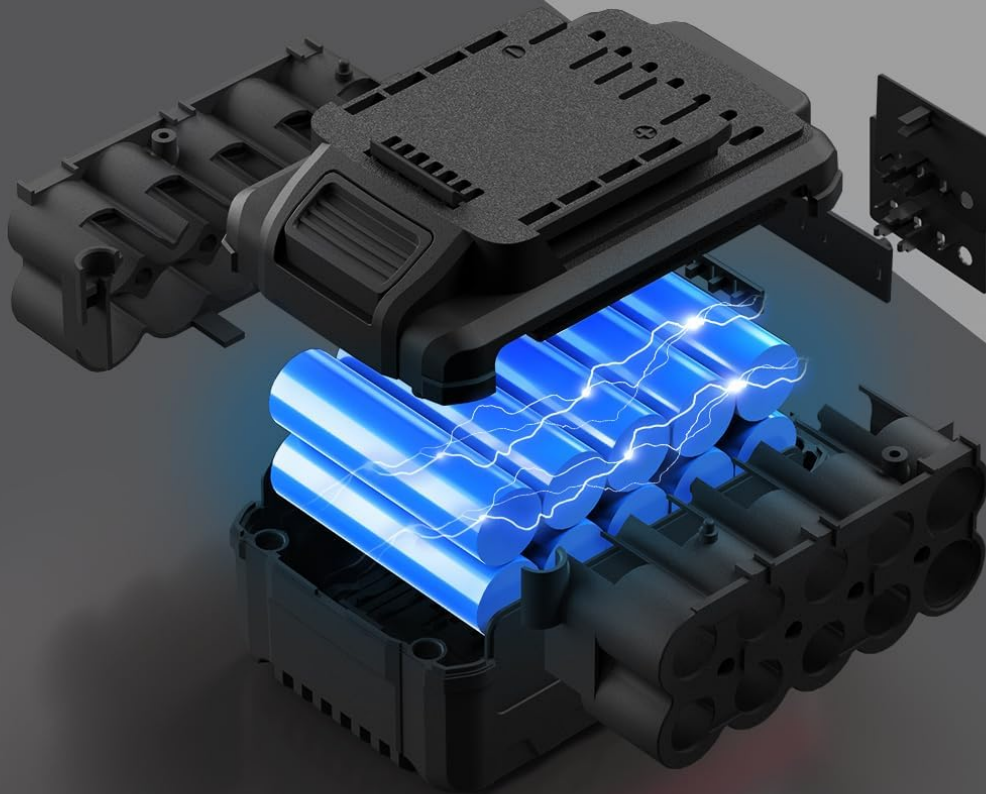
### 3. CHARGING INSTRUCTIONS

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To ensure optimal performance and battery life, always follow proper charging procedures using the compatible AVID POWER fast charger ACIW326-W.

#### Charging Procedure:

1. Connect the AVID POWER fast charger ACIW326-W to a power outlet. The green light on the charger will illuminate, indicating it is powered on.
2. Align the battery with the charger and slide it into place. You should hear a distinct "click" sound, confirming the battery is securely inserted.
3. Once the battery is properly inserted, the red light on the charger will turn on, indicating that charging has begun. If the red light does not turn on, re-insert the battery to ensure it is fully seated.
4. Charging typically takes 1-2 hours for a full charge. The red light will turn green when charging is complete.
5. Once fully charged, remove the battery from the charger.



Over-charge Protection



Over-heating Protection



Over-discharge Protection



Over-current Protection



Over-voltage Protection



Short circuit Protection

Image 4: This image shows the AVID POWER fast charger ACIW326-W with a 3.0Ah battery inserted for charging. The battery indicator lights are visible, and the image emphasizes the 1-2 hours fast charging capability.

Your browser does not support the video tag.

Video 1: This video demonstrates the correct procedure for charging the AVID POWER 3.0Ah battery. It shows how to insert the battery into the charger, the indicator lights (green for power, red for charging), and the importance of a secure connection for proper charging.

## 4. SAFETY INFORMATION

Adhering to these safety guidelines will help prevent damage to the battery and reduce the risk of injury.

- Do not disassemble, open, or shred battery packs.
- Do not expose the battery to heat or fire. Avoid storage in direct sunlight.

- 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 remove a battery pack from its original packaging until required for use.
- Do not subject battery packs to mechanical shock.
- In the event of a battery leaking, 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 specified charger (ACIW326-W).
- Observe the plus (+) and minus (-) marks on the battery and equipment and ensure correct use.
- Do not use any battery pack which is not designed for use with the equipment.
- Keep battery packs out of the reach of children.
- Seek medical advice immediately if a battery pack has been swallowed.
- Always purchase the correct battery pack for the equipment.
- Ensure the battery pack is inserted correctly.
- Dispose of battery packs properly at designated recycling points.

## 5. SPECIFICATIONS

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Detailed technical specifications for the AVID POWER 3.0Ah 20V Lithium-Ion Battery (Model AP30B).

Specification	Detail
Model Number	AP30B
Brand	AVID POWER
Battery Cell Composition	Lithium Ion
Battery Capacity	3000 Milliamp Hours (3.0 Ah)
Voltage	20 Volts
Amperage	3 Amps
Reusability	Rechargeable
Item Dimensions (L x W x H)	3.9 x 2.4 x 7 inches
Item Weight	12.4 Ounces (604 Grams)
Included Components	1*3.0Ah Battery



Image 5: This image provides a visual representation of the AVID POWER 3.0Ah battery, with its key dimensions (length, width, height) clearly labeled for reference.

## 6. TROUBLESHOOTING

If you encounter issues with your AVID POWER 3.0Ah battery, consider the following common troubleshooting steps:

- **Battery Not Charging:**

- Ensure the charger is properly plugged into a working power outlet.
- Verify the battery is securely seated in the charger. Listen for the "click" sound.
- Check the charger's indicator lights. If no lights are on, the charger may not be receiving power or could be faulty.
- Confirm you are using the correct AVID POWER fast charger (ACIW326-W).

- **Battery Not Powering Tool:**

- Ensure the battery is fully charged.
- Verify the battery is securely attached to the tool.
- Check the tool for any obstructions or damage that might prevent proper battery connection.

- Confirm the tool is compatible with this specific battery model (AP30B) and its serial number range.

- **Reduced Runtime:**

- Battery capacity can decrease over time with repeated use.
- Ensure the battery is being fully charged each time.
- Operating the tool in extreme temperatures can affect battery performance.

If these steps do not resolve the issue, please contact AVID POWER customer support for further assistance.

## **7. WARRANTY AND SUPPORT**

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AVID POWER products are manufactured to high-quality standards and are backed by a limited warranty. For specific warranty terms and conditions, please refer to the warranty card included with your purchase or visit the official AVID POWER website.

For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact AVID POWER customer service through their official website or the contact information provided in your product packaging. When contacting support, please have your product model number (AP30B) and purchase details readily available.