## UPBRIGHT Powerstroke Subaru EA190V Power Supply

# UPBRIGHT AC/DC Adapter Instruction Manual

For Powerstroke Subaru Pressure Washers and Generators

## 1. Introduction

This manual provides essential information for the safe and effective use of your UPBRIGHT AC/DC Adapter. This adapter is designed to provide reliable power for compatible Powerstroke and Subaru pressure washers and generators. Please read this manual thoroughly before use and retain it for future reference.




Image 1.1: The UPBRIGHT AC/DC Adapter. This image shows the compact black adapter unit with its attached power cord and connector.

## 2. Safety Information

Always observe the following safety precautions to prevent injury or damage to the adapter and connected devices:

- Do not expose the adapter to water, rain, or excessive moisture.
- Avoid extreme temperatures. Operate and store the adapter in a dry, well-ventilated area.
- Do not disassemble or modify the adapter. Refer all servicing to qualified personnel.
- Ensure the adapter's voltage and current ratings match the requirements of your device.
- Unplug the adapter from the power outlet when not in use or during electrical storms.

Image 2.1: Diagram illustrating the built-in safety circuits of the UPBRIGHT AC/DC Adapter, including overcharge, overcurrent, short circuit, lightning, overvoltage, and temperature protection.

## 3. Setup and Compatibility

The UPBRIGHT AC/DC Adapter is designed for global use with an input voltage range of 100-240VAC, 50/60Hz. It is compatible with various models of Powerstroke and Subaru pressure washers and generators. Verify your device's power input requirements before connecting.

### Compatible Models Include:

- Powerstroke Subaru EA190V Pressure Washer 3100 psi
- Powerstroke PS8C312E, PS80312E, PS8C310E Pressure Washers
- Homelite PS8C310E, PS907000, PS21ESLM
- Powerstroke PS803155E, PS803166E, PS80555E, PS803100 Pressure Washers
- Powerstroke PS906811P-H, Honda GX390, 6800, 8500 watt Backup Power Stroke Portable Power Generators
- RYOBI RY803100, RY803100-15 Pressure Washers
- Ritar Battery Charger PS80310E, PS906811P, RT34-120010, FV1523 Class 2 LEAD-ACID Power Supply




Image 3.1: The UPBRIGHT AC/DC Adapter shown in context with a compatible pressure washer, demonstrating its intended use.

### Connecting the Adapter:

1. Ensure both the adapter and your device are turned off.
2. Connect the adapter's output connector (barrel round connector) securely into the power input port of your pressure washer or generator.
3. Plug the adapter's AC input plug into a standard wall outlet (100-240VAC).
4. Turn on your device.




Image 3.2: A detailed view of the adapter's connector, indicating the positive (+) and negative (-) polarity for correct connection.

## 4. Operating Instructions

Once connected, the adapter will supply power to your device. The adapter features built-in protection mechanisms to ensure safe operation:

- **OVP (Over Voltage output Protection):** Protects against excessive output voltage.
- **OCP (Over Current output Protection):** Safeguards against excessive output current.
- **SCP (Short Circuit output Protection):** Prevents damage from short circuits.

No user intervention is required for these protections; they operate automatically.

## 5. Maintenance

To ensure the longevity and optimal performance of your UPBRIGHT AC/DC Adapter, follow these simple maintenance guidelines:

- Keep the adapter clean and free from dust and debris. Use a soft, dry cloth for cleaning.
- Avoid bending or crimping the power cord excessively, as this can damage internal wires.
- Store the adapter in a cool, dry place when not in use.
- Regularly inspect the adapter and its cables for any signs of damage, such as frayed wires or cracked casing. Discontinue use if damage is found.

## 6. Troubleshooting

If you encounter issues with your UPBRIGHT AC/DC Adapter, try the following troubleshooting steps:

### Adapter Not Providing Power:

- **Check Connections:** Ensure the adapter is securely plugged into both the wall outlet and your device.
- **Verify Power Outlet:** Test the wall outlet with another device to confirm it is functioning correctly.
- **Device Compatibility:** Double-check that your device's power requirements match the adapter's specifications.
- **Inspect for Damage:** Look for any visible damage to the adapter or its cables. If damaged, do not use.

### No Charging Indicator:

Please note that this specific adapter model may not feature an indicator light to show charging status. This is normal operation for some adapter designs.

## 7. Specifications

| Feature | Specification |
|---|---|
| Product Dimensions | 3 x 3 x 1 inches |
| Item Weight | 3.52 ounces |
| Input Voltage | 100-240VAC, 50/60Hz |
| Output Voltage | 12VDC |
| Wattage | 7 watts |
| Connector Type | Barrel Round Connector |
| Special Feature | Short Circuit Protection, Over Voltage Protection, Over Current Protection |
| Included Components | 1 AC Adapter |
| Color | Black |

## 8. Warranty and Support

### Warranty Information:

Your UPBRIGHT AC/DC Adapter comes with a 30-day refund policy and a 24-month exchange warranty. This warranty covers manufacturing defects and ensures your product is in great working condition.

### Customer Support:

For any questions, technical assistance, or warranty claims, please contact UPBRIGHT customer support through the retailer where the product was purchased or visit the official UPBRIGHT brand store online. Please have your product model number and purchase details ready.

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### Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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**Question**

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

**Submit question**