

Dylect AIR NOVA

Dylect AIR NOVA 4-in-1 Jump Starter & Tyre Inflator User Manual

Model: AIR NOVA

Brand: Dylect

1. INTRODUCTION

Thank you for choosing the Dylect AIR NOVA 4-in-1 Jump Starter & Tyre Inflator. This versatile device combines a powerful jump starter, a high-pressure tyre inflator, a 12,000 mAh power bank, and an LED emergency light. Please read this manual thoroughly before use to ensure safe and optimal operation.



Figure 1: Overview of the Dylect AIR NOVA's four primary functions.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the device and your vehicle:

- Keep the device away from children.
- Do not expose the device to extreme temperatures, direct sunlight, or moisture.
- Ensure proper ventilation during use and charging.
- Do not disassemble or modify the device.
- Use only the provided accessories.
- Avoid short-circuiting the jump starter clamps.
- Always connect the red clamp to the positive (+) terminal and the black clamp to the negative (-) terminal.
- Do not operate the inflator continuously for more than 10 minutes to prevent overheating. Allow it to cool down before resuming.
- Wear eye protection when jump starting a vehicle.



Figure 2: Dylect AIR NOVA incorporates multiple safety protections for user and device safety.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Dylect AIR NOVA 4-in-1 Device
- Smart Jump Starter Clamps (1N Clamp)
- Air Hose (1N Hose)
- Type-C Charging Cable (1N TYPE-C Cable)
- Storage Cloth Bag (1N cloth bag)
- Presta Valve Adapter (1N Presta valve)
- Ball Needle (1N Ball needle)



Figure 3: All components included with your Dylect AIR NOVA device.

4. PRODUCT OVERVIEW

Familiarize yourself with the device's components and controls.



Figure 4: Front view of the Dylect AIR NOVA.



Figure 5: Side view of the Dylect AIR NOVA with ports.



Figure 6: Dynamic LCD display for real-time monitoring and auto shut-off.

5. SETUP AND CHARGING

5.1 Initial Charge

Before first use, fully charge the Dylect AIR NOVA. Connect the provided Type-C cable to the device's Type-C input port and a suitable USB power adapter (not included). The display will indicate charging status. A full charge typically takes 3-4 hours.

5.2 Unboxing and Assembly

The following video demonstrates the unboxing and assembly of the Dylect AIR NOVA, including connecting the jump starter clamps and the air hose.

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Video 1: Unboxing and assembly guide for the Dylect AIR NOVA. This video demonstrates how to connect the jump starter clamps and the air hose to the device.

6. OPERATING INSTRUCTIONS

6.1 Jump Starting a Vehicle

Ensure the Dylect AIR NOVA has at least 75% charge for optimal performance. This device supports up to 4.0L petrol and 3.0L diesel engines.

- 1. Connect Clamps:** Insert the smart jump starter clamps into the jump start port on the device.
- 2. Attach to Battery:** Connect the red (+) clamp to the positive terminal of the vehicle battery and the black (-) clamp to the negative terminal. Ensure a secure connection.
- 3. Start Vehicle:** Once connected, the device will automatically detect the battery. Start your vehicle.
- 4. Remove Clamps:** After the vehicle starts, immediately remove the clamps from the battery, then disconnect from the device.



Why Dylect Air Nova Stands Out

Feature	Dylect Air Nova	Other Tyre Inflators
Battery Capacity	12000mAh - longer runtime,	5000-8000mAh, limited runtime
Digital Display	Dual LCD display	Basic single reading display
Weight & Portability	Ultra-light 780g, compact & travel-friendly	Heavy & bulky (1.2-1.5kg)
Inflation Speed	High airflow 25-28L/min	Slower airflow
Maximum Pressure	Up to 160 PSI	Limited PSI range
Motor & Safety	Advanced copper motor with reverse polarity, over/under-voltage & overheating protection	Basic motor, limited safety protections

Figure 7: Step-by-step guide for jump starting your vehicle.



Figure 8: Dylect AIR NOVA connected to a car battery for jump starting.

6.2 Inflating Tyres

The Dylect AIR NOVA can inflate tyres up to 160 PSI with an airflow capacity of 26-28 L/min. It features preset modes for car, bike, bicycle, and ball, along with an auto cut-off function.

1. **Connect Hose:** Screw the air hose onto the device's air outlet port.
2. **Attach Nozzle:** Connect the hose nozzle to the tyre valve. For bicycles or balls, use the appropriate adapter.
3. **Power On & Select Mode:** Press the power button to turn on the device. Use the mode button to select the desired preset (car, bike, bicycle, ball) or manually set the target pressure using the '+' and '-' buttons.
4. **Start Inflation:** Press the start button to begin inflation. The device will automatically stop when the preset pressure is reached.
5. **Disconnect:** Remove the nozzle from the tyre valve and then disconnect the hose from the device.



Figure 9: Step-by-step guide for tyre inflation.



Figure 10: Inflating a car tyre with the Dylect AIR NOVA.

6.3 Using as a Power Bank

The 12,000 mAh power bank function allows you to charge your electronic devices via the USB-A or Type-C output ports.

1. **Connect Device:** Use a compatible charging cable to connect your phone, tablet, or other USB-powered device to the Dylect AIR NOVA's USB-A or Type-C output port.
2. **Start Charging:** The device should automatically begin charging. Monitor your device's charging status.



Figure 11: Charging a smartphone using the Dylect AIR NOVA power bank function.

6.4 Using the LED Light

The integrated LED light has three modes: Torch, SOS, and Flash.

1. **Activate Light:** Press the light button (usually indicated by a sun icon) to turn on the torch mode.
2. **Change Modes:** Press the light button again to cycle through SOS and Flash modes.
3. **Turn Off:** Press the light button a final time to turn off the LED light.

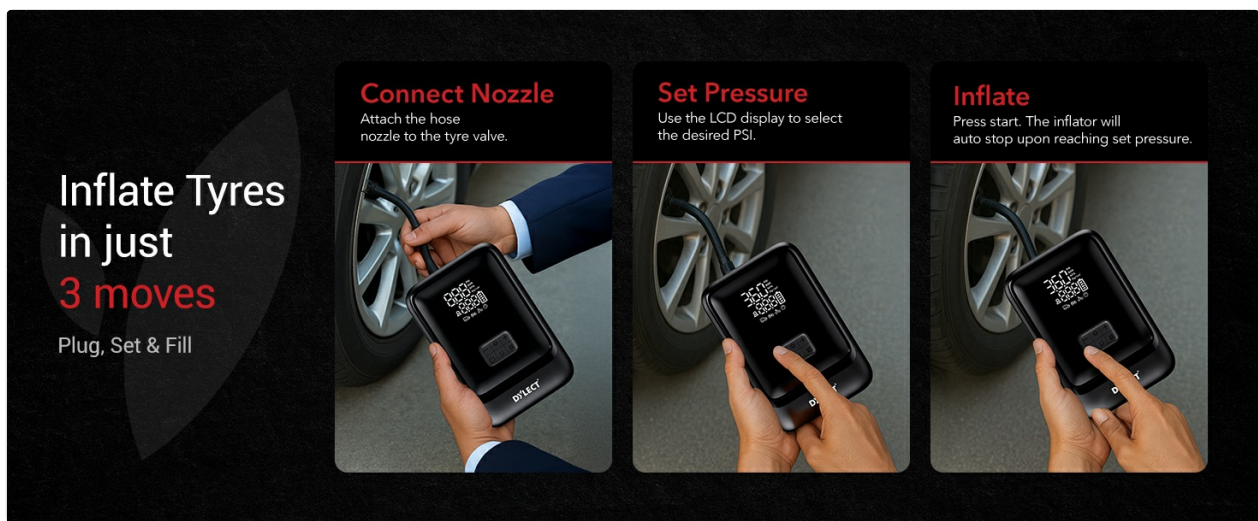


Figure 12: Dylect AIR NOVA LED light in operation.

7. MAINTENANCE

- Clean the device with a soft, dry cloth. Do not use harsh chemicals or abrasives.
- Store the device in a cool, dry place when not in use.
- Charge the device every 3-6 months to maintain battery health, even if not used.
- Inspect cables and accessories for damage before each use.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on	Low battery or no charge	Charge the device fully.
Vehicle does not jump start	Insufficient charge, incorrect connection, or engine size exceeds capacity.	Ensure device is at least 75% charged. Verify clamp connections. Confirm vehicle engine size is within specifications (max 4.0L petrol / 3.0L diesel).
Tyre inflator not working	Hose not securely connected, incorrect pressure setting, or device overheated.	Check hose connection. Verify pressure setting. Allow device to cool if used continuously.
Device not charging external devices	Low device battery, incompatible cable, or device not in power bank mode.	Charge the Dylect AIR NOVA. Use a different USB cable. Ensure the device is powered on.

9. SPECIFICATIONS

Feature	Specification
Model	AIR NOVA
Jump Start Peak Current	1000A

Feature	Specification
Jump Start Start Current	500A
Engine Compatibility	Up to 4.0L Petrol / 3.0L Diesel
Tyre Inflator Max Pressure	160 PSI
Air Flow Capacity	26-28 Liters Per Minute
Power Bank Capacity	12,000 mAh
Charging Port	Type-C
Output Ports	USB-A, Type-C
LED Light Modes	Torch, SOS, Flash
Item Weight	705 Grams
Product Dimensions (L x W x H)	11.8L x 5.3W x 17.9H Centimeters
Material	Plastic
Country of Origin	China

10. WARRANTY AND SUPPORT

The Dylect AIR NOVA comes with a 12-month manufacturer warranty from the date of purchase, covering manufacturing, material, and assembly defects.

For warranty claims, technical support, or any inquiries, please contact:

- **Toll-Free No:** 18002586618
- **Email:** care@dylect.in
- **Manufacturer/Importer:** VALUE-ONE RETAIL PRIVATE LIMITED, 633B, Udyog Vihar – V, Gurugram, Haryana 122016.



Figure 13: Dylect AIR NOVA includes a 12-month protection plan.

