

Hi-Spec DT30607Y-US

Hi-Spec 58pc 18V Cordless Power Drill Driver Instruction Manual

Model: DT30607Y-US

1. INTRODUCTION

Thank you for choosing the Hi-Spec 58pc 18V Cordless Power Drill Driver. This versatile tool is designed for light drilling and rapid screwdriving tasks around the home and garage. It includes a rechargeable battery and a comprehensive accessory bit set, all conveniently stored in a compact zipper case. Please read this manual thoroughly before operating the tool to ensure safe and efficient use.

2. GENERAL SAFETY INSTRUCTIONS

Always follow basic safety precautions when using electric tools to reduce the risk of fire, electric shock, and personal injury.

- **Work Area Safety:** Keep your work area clean and well-lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges, and refrigerators. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating for extended periods. Dress properly; avoid loose clothing or jewelry. Secure long hair.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- **Battery Pack Use and Care:** Recharge only with the charger specified by the manufacturer. Do not use battery packs with any other power tools.

3. PACKAGE CONTENTS

Your Hi-Spec 58pc 18V Cordless Power Drill Driver package includes the following items:

- 18V Cordless Drill Driver
- Rechargeable 1500mAh Li-ion Battery
- Wall Charger
- 30pc Driver Bits
- 8pc Extended Driver Bits

- 9pc High Speed Steel (HSS) Bits
- 5pc Brad Point Bits (for wood)
- 3pc Masonry Bits
- Drill Driving Accessories
- Zipper Carrying Case



Image 3.1: Complete contents of the Hi-Spec 58pc 18V Cordless Power Drill Driver kit, including the drill, battery, charger, various drill bits, driver bits, and the carrying case.

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your drill driver:

- **Chuck:** Holds drill bits and driver bits.
- **Torque Adjustment Ring:** Sets the amount of torque for screwdriving.
- **Gear Selector:** Switches between drilling and screwdriving modes.
- **Forward/Reverse Switch:** Controls rotation direction.
- **Trigger Switch:** Activates the drill and controls variable speed.

- **LED Work Light:** Illuminates the work area.
- **Battery Pack:** Provides power to the drill.
- **Battery Release Buttons:** For detaching the battery.
- **Non-slip Grip:** For comfortable and secure handling.



Image 4.1: Visual representation of the drill driver's key features, including the 18V motor, 1500mAh removable lithium battery, 550 RPM variable speed, torque clutch control, LED work light, and TPR comfort grip.

5. SETUP

5.1. Battery Charging

1. Ensure the battery pack is securely attached to the charger.
2. Plug the charger into a standard wall outlet.
3. The charging indicator light on the charger will show the charging status. A full charge typically takes 3-5 hours for the 1500mAh Li-ion battery.
4. Once fully charged, disconnect the charger from the outlet and remove the battery pack.

5.2. Attaching and Removing the Battery

- **Attaching:** Align the battery pack with the base of the drill handle and slide it in until it clicks securely into place.
- **Removing:** Press the battery release buttons on the sides of the battery pack and slide the battery out.

5.3. Installing and Removing Drill Bits/Driver Bits

1. Rotate the chuck counter-clockwise to open the jaws.
2. Insert the desired drill bit or driver bit into the chuck, ensuring it is seated as deeply as possible.
3. Rotate the chuck clockwise to tighten the jaws firmly around the bit. Ensure the bit is centered and secure before operation.
4. To remove, rotate the chuck counter-clockwise and pull the bit out.

6. OPERATING INSTRUCTIONS

6.1. Power On/Off and Variable Speed Control

The drill is activated by pressing the trigger switch. The speed is variable; pressing the trigger further increases the rotational speed up to 500 RPM.

6.2. Forward/Reverse Switch

The forward/reverse switch, located above the trigger, controls the direction of rotation. Push it to the left for forward rotation (for drilling and tightening screws) and to the right for reverse rotation (for loosening screws). Position it in the center to lock the trigger and prevent accidental activation.

6.3. Torque Adjustment

The torque adjustment ring allows you to set the desired torque level. Lower settings are for driving small screws or working with soft materials to prevent over-driving. Higher settings are for larger screws or harder materials. The drill setting bypasses the clutch for maximum torque during drilling.

6.4. LED Work Light

The integrated LED work light automatically illuminates when the trigger is pressed, providing visibility in dimly lit work areas.

6.5. Drilling and Screwdriving Tips

- **Drilling:** This drill is suitable for wood, plastic, drywall/plasterboard, ceramics, and soft metals. It is **not suited** for hardened metals, brick, concrete, porcelain, or floor tiles. Apply steady, even pressure.
- **Screwdriving:** Use the appropriate S2 hardened driver bit for the screw type. Adjust the torque setting to prevent stripping screw heads or damaging the workpiece.



Hi-Spec
WORKSHOP

POWER THROUGH WOOD, METAL, PLASTIC & BRICK

17PC MULTI DRILL BIT SET

- 9 x **HIGH SPEED STEEL BITS**
Titanium Coated HSS 4241
- 3 x **MASONRY DRILL BITS**
Tungsten Carbide Tipped
- 5 x **BRAD POINT WOOD BITS**
Sandblasted Carbon Steel

Image 6.1: Illustration of the drill's capability to power through various materials such as wood, metal, and plastic using different types of drill bits.



Image 6.2: A user demonstrating the use of the drill driver with an S2 hardened driver bit, designed for secure screw holding and preventing wobbling or slipping.

7. MAINTENANCE

7.1. Cleaning

Regularly clean the ventilation openings of the tool to prevent overheating. Use a soft, damp cloth to wipe down the exterior. Do not use harsh chemicals or abrasive cleaners. Keep the chuck free of dust and debris.

7.2. Storage

Store the drill driver and its accessories in the provided zipper carrying case in a dry, secure location, away from direct sunlight and extreme temperatures. Ensure the battery is partially charged before long-term storage.

8. TROUBLESHOOTING

If you encounter issues with your Hi-Spec drill driver, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Drill does not start	Battery not charged or improperly installed; Forward/Reverse switch in center (locked) position.	Charge battery and ensure it is securely installed. Move the Forward/Reverse switch to either forward or reverse position.
Battery not charging	Charger not plugged in; Faulty battery or charger.	Ensure charger is properly plugged into a working outlet. If problem persists, contact customer support.
Bit wobbles or falls out	Chuck not tightened sufficiently; Incorrect bit size for chuck.	Ensure the chuck is tightened firmly around the bit. Use bits with a shank size compatible with the 10mm chuck.
Drill lacks power/stops during use	Low battery charge; Overloading the tool; Material too hard for the drill.	Recharge the battery. Reduce pressure or use a larger drill bit. This drill is not suitable for hardened metals, concrete, or masonry.

9. SPECIFICATIONS

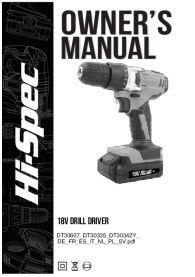
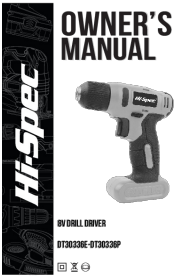

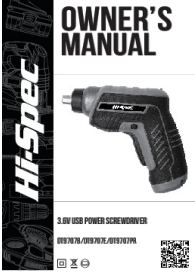

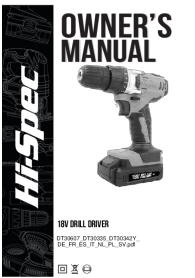
Feature	Specification
Brand	Hi-Spec
Model Number	DT30607Y-US
Power Source	Battery Powered (18V Lithium Ion)
Battery Capacity	1500 mAh
Maximum Rotational Speed	500 RPM
Maximum Torque	18 Newton Meters
Maximum Chuck Size	10 Millimeters
Voltage	18 Volts
Wattage	27 Watts
Drilling Capacity (Wood)	Up to 4 Millimeters
Drilling Capacity (Metal)	Up to 4 Millimeters
Product Dimensions	9.45"L x 9.37"W x 3.94"H
Item Weight	4.89 Pounds
Special Features	Variable Speed, LED Work Light

10. WARRANTY AND SUPPORT

Hi-Spec products are manufactured to high-quality standards. This product comes with a limited warranty against defects in materials and workmanship. Please refer to the warranty card included with your purchase for specific terms and conditions. For technical support, replacement parts, or warranty claims, please contact Hi-Spec customer service through their official website or the retailer where the product was purchased.

Note: Some customer experiences indicate a 1-year warranty on the battery. Please verify specific warranty details with the manufacturer.

Related Documents - DT30607Y-US

 <p>OWNER'S MANUAL</p> <p>Hi-Spec</p> <p>18V DRILL DRIVER</p> <p>DT30607, DT30335, DT30342Y DE, FR, ES, IT, NL, PL, SP, pt</p>	<p>Hi-Spec 18V Drill Driver Owner's Manual</p> <p>Owner's manual for the Hi-Spec 18V Drill Driver (models DT30607, DT30335, DT30342Y). Covers safety, operation, assembly, maintenance, and specifications for this cordless power tool.</p>
 <p>OWNER'S MANUAL</p> <p>Hi-Spec</p> <p>8V DRILL DRIVER</p> <p>DT30336E-DT30336P</p>	<p>Hi-Spec 8V Drill Driver DT30336E-DT30336P User Manual</p> <p>Comprehensive user manual for the Hi-Spec 8V Drill Driver, models DT30336E and DT30336P. Includes safety instructions, assembly, usage, charging, maintenance, and technical specifications.</p>
 <p>OWNER'S MANUAL</p> <p>Hi-Spec</p> <p>12V POWER DRILL DRIVER</p> <p>DT30327, DT30327B, DT30327P</p>	<p>Hi-Spec 12V Power Drill Driver Owner's Manual - DT30327 Series</p> <p>Comprehensive owner's manual for the Hi-Spec 12V Power Drill Driver (models DT30327, DT30327B, DT30327P). Includes safety instructions, operating procedures, specifications, charging, and maintenance information.</p>
 <p>OWNER'S MANUAL</p> <p>Hi-Spec</p> <p>3.6V USB POWER SCREWDRIVER</p> <p>DT9707B, DT9707E, DT9707PR</p>	<p>Hi-Spec 3.6V USB Power Screwdriver Owner's Manual - DT9707B/DT9707E/DT9707PR</p> <p>Comprehensive owner's manual for the Hi-Spec 3.6V USB Power Screwdriver (models DT9707B, DT9707E, DT9707PR). Includes safety warnings, operating instructions, specifications, maintenance, and disposal information.</p>
 <p>HISPEC</p>	<p>Hispec HSSA/HCO/RF10-PRO Heat and Carbon Monoxide Alarm Installation and Operation Manual</p> <p>Comprehensive guide for the Hispec HSSA/HCO/RF10-PRO mains-powered combined heat and carbon monoxide alarm, covering features, specifications, installation, operation, maintenance, and warranty.</p>
 <p>OWNER'S MANUAL</p> <p>Hi-Spec</p> <p>18V DRILL DRIVER</p> <p>DT30607, DT30335, DT30342Y DE, FR, ES, IT, NL, PL, SP, pt</p>	<p>Hi-Spec 18V Drill Driver Owner's Manual</p> <p>Owner's manual for the Hi-Spec 18V Drill Driver (models DT30607, DT30335, DT30342Y). Covers safety, operation, assembly, maintenance, and specifications for this cordless power tool.</p>

