

DEWALT®



www.DEWALT.com

DCBPSC0550

Fig. A

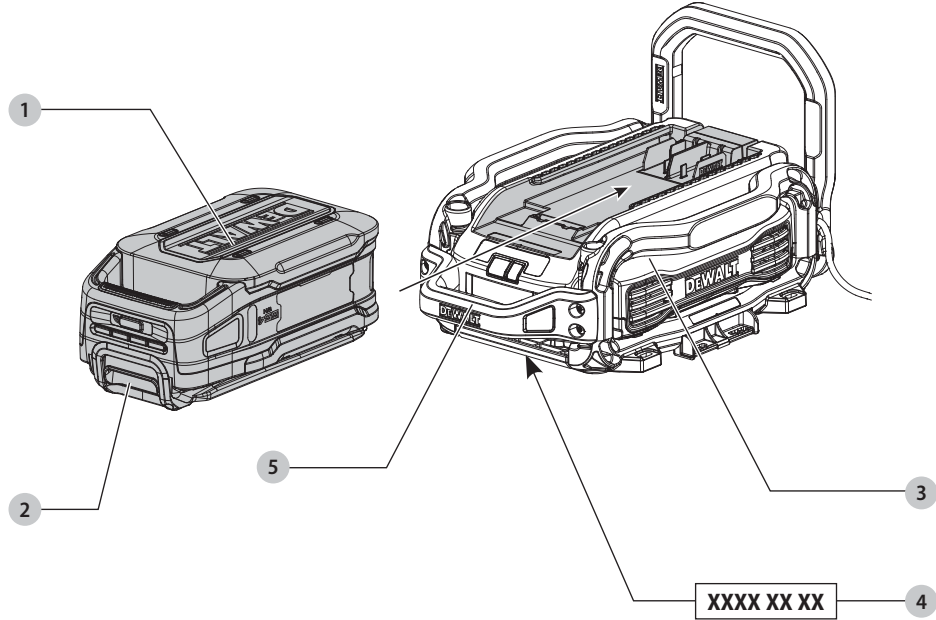


Fig. B

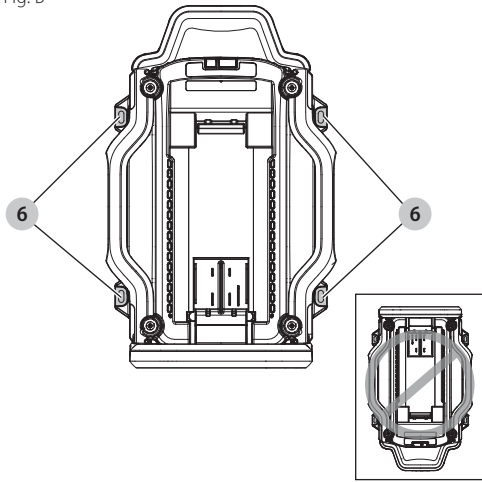


Fig. C

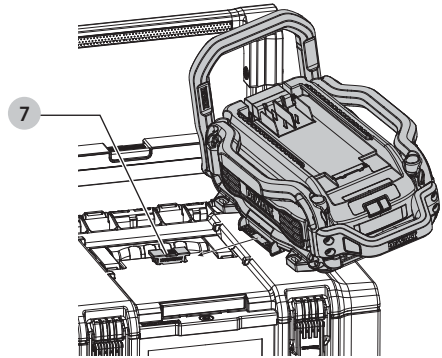


Fig. D

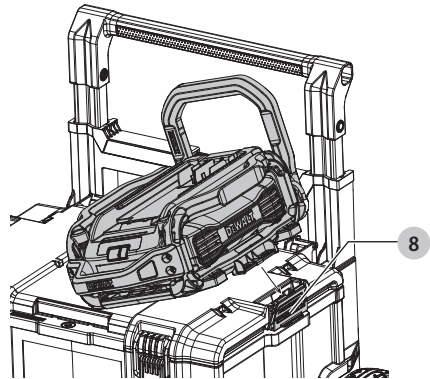
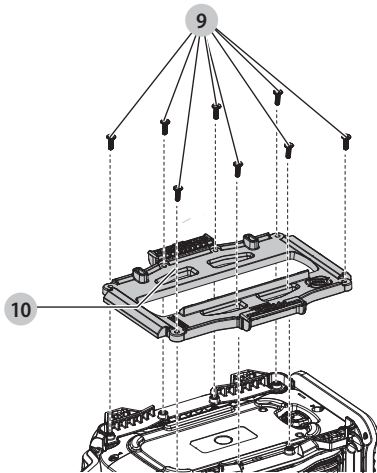
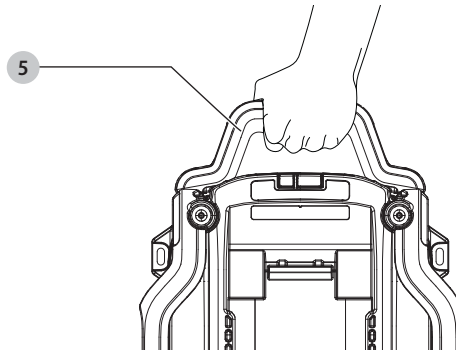


Fig. E



DEWALT POWERSHIFT® CHARGER

DCBPSC0550

Congratulations!

You have chosen a DEWALT charger. Years of experience, thorough product development and innovation make DEWALT one of the most reliable partners for professional power tool users.

Technical Data

DCBPSC0550		
Output	V _{DC}	60
Type		1
Mains voltage	V _{AC}	230
Battery type		Li-Ion
Charger current		
Input	A	3.9
Output	A	12
Suitable batteries to be charged		
DCBPS0554	55.4V	10Ah
Weight (without battery pack)	kg	4.08



WARNING: To reduce the risk of injury, read the instruction manual.

Definitions: Safety Guidelines

The definitions below describe the level of severity for each signal word. Please read the manual and pay attention to these symbols.

- ⚠ DANGER:** Indicates an imminently hazardous situation which, if not avoided, **will** result in **death or serious injury**.
- ⚠ WARNING:** Indicates a potentially hazardous situation which, if not avoided, **could** result in **death or serious injury**.
- ⚠ CAUTION:** Indicates a potentially hazardous situation which, if not avoided, **may** result in **minor or moderate injury**.
- NOTICE:** Indicates a practice **not related to personal injury** which, if not avoided, **may** result in **property damage**.

- ⚡** Denotes risk of electric shock.
- 🔥** Denotes risk of fire.

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE

Important Safety Instructions for All Battery Chargers

- Before using charger, read all instructions and cautionary markings on charger, battery pack, and product using battery pack.
- ⚡ WARNING:** Shock hazard. Do not allow any liquid to get inside charger. Electric shock may result.
- ⚠ CAUTION:** Burn hazard. To reduce the risk of injury, charge only DEWALT rechargeable batteries. Other types of batteries may burst causing personal injury and damage.

- NOTICE:** Under certain conditions, with the charger plugged into the power supply, the exposed charging contacts inside the charger can be shorted by foreign material. Foreign materials of a conductive nature such as, but not limited to, steel wool, aluminum foil or any buildup of metallic particles should be kept away from charger cavities. Always unplug the charger from the power supply when there is no battery pack in the cavity. Unplug charger before attempting to clean.
- **Children are not allowed to use or play with this charger.** This charger can be used by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Otherwise, there is a risk of injuries.
 - **Children shall be supervised during cleaning to ensure that they do not play with the appliance.**
 - **In case of damaged power supply cord the supply cord must be replaced immediately by the manufacturer, its service agent or similar qualified person to prevent any hazard.**
 - **Do not attempt to charge the battery pack with any chargers other than the ones in this manual.** The charger and battery pack are specifically designed to work together.
 - **Do not expose charger to rain or snow.**
 - **Pull by plug rather than cord when disconnecting charger.** This will reduce risk of damage to electric plug and cord
 - **Make sure that cord is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.**
 - **Do not use an extension cord unless it is absolutely necessary.** Use of improper extension cord could result in risk of fire, electric shock, or electrocution.
 - **Do not place any object on top of charger or place the charger on a soft surface that might block the ventilation slots and result in excessive internal heat.** Place the charger in a position away from any heat source. The charger is ventilated through slots on the sides of the housing.
 - **Take care to ensure that the charger is in a steady, secure position.** A falling battery or charger may present a risk of injury to yourself and/or others.
 - **The location at which the charger is used should be clean and dry.** Use in a dirty or wet area could result in risk of fire, electric shock, or electrocution.
 - **Disconnect the charger from the outlet before attempting any cleaning.** This will reduce the risk of electric shock. Removing the battery pack will not reduce this risk.
 - **Do not disassemble charger; take it to an authorised service centre when service or repair is required.** Incorrect reassembly may result in a risk of electrical shock, electrocution or fire.
 - **Do not operate charger if it has received a sharp blow, been dropped, or otherwise damaged in any way.** Take it to an authorised service centre.
 - **Do not stand or step on the charger.**

Electrical Safety

The charger has been designed for one voltage only. Always check that the battery pack voltage corresponds to the voltage on the rating plate. Also make sure that the voltage of your charger corresponds to that of your mains.



Your DEWALT charger is double insulated in accordance with EN60335; therefore no earth wire is required.

If the supply cord is damaged, it must be replaced only by DEWALT or an authorised service organisation.

▲ WARNING: We recommend the use of a residual current device with a residual current rating of 30mA or less.

Mains Plug Replacement (U.K. & Ireland Only)

If a new mains plug needs to be fitted:

- Safely dispose of the old plug.
- Connect the brown lead to the live terminal in the plug.
- Connect the blue lead to the neutral terminal.

▲ WARNING: No connection is to be made to the earth terminal.

Follow the fitting instructions supplied with good quality plugs. Recommended fuse: 3 A.

Using an Extension Cable

An extension cord should not be used unless absolutely necessary. Use an approved extension cable suitable for the power input of your charger (see **Technical Data**). The minimum conductor size is 1 mm²; the maximum length is 30 m.

When using a cable reel, always unwind the cable completely.

Package Contents

The package contains:

- 1 POWERSHIFT® Battery charger
- 1 Instruction manual
- Check for damage to the tool, parts or accessories which may have occurred during transport.
- Take the time to thoroughly read and understand this manual prior to operation.

Markings on Charger

The following pictograms are shown on the charger:



Read instruction manual before use.



Do not charge damaged battery packs.



Do not expose to water.



Have defective cords replaced immediately.



Charge only between 4 °C and 40 °C.



Risk of electric shock.



Only for in house use.



Time-lag fuse link 6.3A

Date Code Position (Fig. A)

The production date code ④ consists of a 4-digit year followed by a 2-digit week and is extended by a 2-digit factory code.

Description (Fig. A)

▲ WARNING: Never modify the charger or any part of it. Damage or personal injury could result.

- 1 Battery
- 2 Battery release button
- 3 Charger
- 4 Date code
- 5 Handle

Intended Use

The DCBPSC0550 charger is designed for charging DCBPS-series battery packs.

DO NOT use under wet conditions or in the presence of flammable liquids or gases.

This battery charger and battery packs are professional appliances.

DO NOT let children come into contact with the tool. Supervision is required when inexperienced operators use this tool.

- **Young children and the infirm.** This appliance is not intended for use by young children or infirm persons without supervision.
- This product is not intended for use by persons (including children) suffering from diminished physical, sensory or mental abilities; lack of experience, knowledge or skills unless they are supervised by a person responsible for their safety. Children should never be left alone with this product.

Charging a Battery (Fig. A)

▲ WARNING: Only charge batteries in air temperature over 4 °C and below 40 °C.

NOTE: To ensure maximum performance and life of Li-Ion battery packs, charge the battery pack fully before first use.

1. Plug the charger into an appropriate outlet before inserting battery pack.
2. Insert the battery pack ① into the charger ③, making sure the battery pack is fully seated in the charger.
3. Stage 1 charging represents the charge process that charges the majority of the battery pack's capacity. Stage 1 charging is indicated by the left indicator light blinking red. Stage 2 charging represents the remainder, or top off charge process,

for the battery pack to reach full capacity. Stage 2 charging is indicated by the right indicator light blinking red.

4. The completion of charge for Stage 1 or Stage 2 is indicated by that stage's red indicator light remaining ON continuously. The battery pack is fully charged when both Stage 1 and Stage 2 indicator lights remain ON continuously while red.

NOTE: For the DCBP50554 554 Wh battery pack, 100% charge will be completed in under one hour.

5. To remove the battery pack, press the battery pack release button **2** and pull the battery from the charger.

The charger will not charge a faulty battery pack. The charger refusing to light could indicate a problem with the charger or a faulty battery pack. Discontinue use and take both to an authorised service centre.

Indicators			
	Stage 1 Charging		
	Stage 2 Charging		
	Fully Charged		
	Hot/Cold Pack Delay		

Hot/Cold Pack Delay

When the charger detects a battery pack that is too hot or too cold, it automatically starts a Hot/Cold Pack Delay, suspending charging until the battery pack has reached an appropriate temperature. The charger then automatically switches to the pack charging mode. This feature ensures maximum battery pack life.

A cold battery pack may charge at a slower rate than a warm battery pack.

The hot/cold pack delay will be indicated by the left indicator light continuously blinking red and the right indicator light continuously ON while yellow. Once the battery pack has reached an appropriate temperature, the yellow light will turn OFF and the charger will resume the charging procedure while displaying the appropriate red blinking indicator lights.

Mounting (Fig. B)

This DEWALT POWERSHIFT® charger is designed to be wall mountable or to sit upright on a table or work surface. If wall mounting, locate the charger within reach of an electrical outlet, and away from a corner or other obstructions which may impede air flow. Mount the charger securely using at least size #10 (5 mm) exterior wood screws (purchased separately), at least 50.8 mm long, with a screw head diameter of 7–9 mm, screwed into the material through the mounting holes **6**.

IMPORTANT: Do not mount charger to a wall upside down (with handle facing the ground).

ASSEMBLY AND ADJUSTMENTS

▲ WARNING: To reduce the risk of serious personal injury, turn unit off and disconnect it from power source before making any adjustments or removing/installing attachments or accessories.

Attaching the Charger to the DEWALT ToughSystem® 2.0 (Fig. C, D)

▲ WARNING: To reduce the risk of serious personal injury, always mount the charger to the top of the DEWALT ToughSystem® 2.0. Never mount anything on top of the charger.

To Attach the Charger to the ToughSystem® 2.0 (Fig. C)

1. Disconnect the charger from the outlet.
2. Place the side of the charger labeled "CENTER" first into the centre latch **7** of the ToughSystem® 2.0 box, aligning the side rails to the side latches **8**. Secure using the side latch anchors as shown.

NOTE: The charger must be the top-most item. The charger is not compatible with ToughSystem® 1.0 products.

Rotating the Bottom Plate to Attach Multiple Chargers to the ToughSystem® 2.0 (Fig. D)

The bottom plate rotates to fit on either side of the ToughSystem® 2.0.

1. Remove the eight bottom plate screws **9**.
2. Remove the bottom plate **10**, rotate, and reinstall it. Use only the provided screws and be sure that the bottom plate is securely reattached.

Transporting the ToughSystem® 2.0

Always transport a stacked load with a ToughSystem® 2.0 cart or, if necessary, carry using the handles of the bottom most box.

▲ WARNING: Never pick up a ToughSystem® 2.0 stack by the handles on the charger.

▲ WARNING: Always disconnect the charger from the outlet and store cord using the cord wraps before mounting to or dismounting from the ToughSystem® 2.0, and before transporting the ToughSystem® 2.0.

Proper Hand Position (Fig. E)

▲ WARNING: To reduce the risk of serious personal injury, ALWAYS use proper hand position as shown.

▲ WARNING: To reduce the risk of serious personal injury, ALWAYS hold securely in anticipation of a sudden reaction. Carry the charger by the handle **5** as shown in Fig. E.

MAINTENANCE

Your battery charger has been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon proper tool care and regular cleaning.

▲ WARNING: To reduce the risk of serious personal injury, disconnect the charger from mains and disconnect battery pack before performing maintenance.

The charger and battery pack are not serviceable.

Charger Cleaning Instructions

▲ WARNING: Blow dirt and dust out of the main housing with dry air as often as dirt is seen collecting in and around the air vents. Wear approved eye protection and approved dust mask when performing this procedure.

▲ WARNING: Never use solvents or other harsh chemicals for cleaning the non-metallic parts of the charger. These chemicals may weaken the materials used in these parts. Use a cloth

dampened only with water and mild soap. Never let any liquid get inside the charger; never immerse any part of the charger into a liquid.

Optional Accessories

⚠ WARNING: Since accessories, other than those offered by DEWALT, have not been tested with this product, use of such accessories with this tool could be hazardous. To reduce the risk of injury, only DEWALT-recommended accessories should be used with this product.

Consult your dealer for further information on the appropriate accessories.

Protecting the Environment



Products/batteries are recyclable, but if marked with the crossed-out bin, they must not be disposed of with normal household waste.

Run the batteries down completely and separate them, and separate any light sources from the product if possible. It is the user's responsibility to delete personal data from the product. Then take the waste to an official waste collection center or a participating retailer who will often accept it free of charge. Packaging should be discarded based on the marked material code. Operating and safety instructions should only be discarded once the applicable product is no longer in use.

Please check with your local community/municipality for waste management guidance. For further information, visit **www.2helpU.com** and scan the above QR code.

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