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INSTRUCTIVO DE OPERACIÓN, CENTROS DE SERVICIO Y PÓLIZA DE GARANTÍA. **ADVERTENCIA:** LEÁSE ESTE INSTRUCTIVO ANTES DE USAR EL PRODUCTO.

**INSTRUCTION MANUAL
GUIDE D'UTILISATION
MANUAL DE INSTRUCCIONES**

THE WAVE

DW0246 Charger
DW0246 Chargeur
DW0246 Cargador

DEWALT Industrial Tool Co., 701 East Joppa Road, Baltimore, MD 21286
L04) Form No. 626602-00 DW0246 Copyright © 2002, 2004 DEWALT

The following are trademarks for one or more DEWALT power tools: the yellow and black color scheme; the “D” shaped air intake grill; the array of pyramids on the handgrip; the kit box configuration; and the array of lozenge-shaped humps on the surface of the tool.

IF YOU HAVE ANY QUESTIONS OR COMMENTS ABOUT THIS OR ANY DEWALT TOOL,
CALL US TOLL FREE AT: **1-800-4-DEWALT (1-800-433-9258)**

Important Safety Instructions

- SAVE THESE INSTRUCTIONS.** This manual contains important safety and operating instructions for DW0246 battery charger.
- Before using charger, read all instructions and cautionary markings on (1) charger, (2) battery pack, and (3) product using battery pack.
- DANGER:** 120 volts present at charging terminals. Do not probe with conductive objects. Danger of electric shock or electrocution.
- DANGER:** If battery pack case is cracked or damaged, do not insert into charger. Danger of electric shock or electrocution.
- DANGER:** Never attempt to open the battery pack for any reason. If the plastic housing of the battery pack breaks or cracks, return to a service center for recycling.
- WARNING:** Don't allow any liquid to get inside charger. Electric shock may result.
- CAUTION:** To reduce risk of injury, charge only DEWALT rechargeable batteries. Other types of batteries may burst, causing personal injury and damage.
- To facilitate the cooling of the battery pack after use, avoid placing the charger or battery pack in a warm environment such as in a metal shed, or an uninsulated trailer.
 - Do not expose charger to rain or snow.
 - Use of an attachment not recommended or sold by DEWALT may result in a risk of fire, electric shock, or injury to persons.
 - This charger is not intended for any uses other than charging DEWALT rechargeable batteries. Any other uses may result in risk of fire, electric shock or electrocution.
 - To reduce risk of damage to electric plug and cord, pull by plug rather than cord when disconnecting charger.
 - Make sure cord is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.
 - An extension cord should not be used unless absolutely necessary. Use of improper extension cord could result in risk of fire, electric shock, or electrocution. If an extension cord must be used, make sure:
 - That the pins on plug of extension cord are the same number, size and shape of those on plug on charger.
 - That extension cord is properly wired and in good electrical condition and the wire size is large enough for AC ampere rating of charger as specified below.

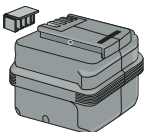
An extension cord must have adequate wire size (AWG or American Wire Gauge) for safety. The smaller the gauge number of the wire, the greater the capacity of the cable, that is, 16 gauge has more capacity than 18 gauge. When using more than one extension to make up the total length, be sure each individual extension contains at least the minimum wire size.

Recommended Minimum AWG Size for Extension Cords							
Total Extension Cord Length (feet)							
	25	50	75	100	125	150	175
Wire Gauge							
18	18		16	16	14	14	12

- The charger is ventilated through slots in the housing. 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.
- Do not operate charger with damaged cord or plug — have them replaced immediately.
- Do not operate charger if it has received a sharp blow, been dropped, or otherwise damaged in any way; take it to an authorized service center.
- Do not disassemble charger; take it to an authorized service center when service or repair is required. Incorrect reassembly may result in a risk of electric shock, electrocution or fire.
- The charger is designed to operate on standard household electrical power. Do not attempt to use it on any other voltage.

- *To reduce risk of electric shock, unplug charger from outlet before attempting any cleaning. Removing the battery pack will not reduce this risk.*
- *NEVER attempt to connect 2 chargers together.*
- *DO NOT store or use the tool and battery pack in locations where the temperature may reach or exceed 105°F (such as outside sheds or metal buildings in summer).*

NOTE: Battery storage and carrying caps are provided for use whenever the battery is out of the tool or charger. Remove cap before placing battery in charger or tool.



▲ WARNING: Do not store or carry battery so that metal objects can contact exposed battery terminals. For example, do not place battery in aprons, pockets, tool boxes, product kit boxes, drawers, etc., with loose nails, screws, keys, etc. without battery cap. **Transporting batteries can possibly cause fires if the battery terminals inadvertently come in contact with conductive materials such as keys, coins, hand tools and the like.** The US Department of Transportation Hazardous Material Regulations (HMR) actually prohibit transporting batteries in commerce or on airplanes (i.e., packed in suitcases and carry-on luggage) UNLESS they are properly protected from short circuits. So when transporting individual batteries, make sure that the battery terminals are protected and well insulated from materials that could contact them and cause a short circuit.

SAVE THESE INSTRUCTIONS

Introduction

Your charger is designed to use standard 120 volt AC, 60 Hz power. Do not use DC or any other voltage. Charge time is approximately one hour.

Charging Procedure

1. Plug the charger into an appropriate outlet.
2. Insert the battery pack into the charger. **Be sure the pack is fully seated in the charger.** The red (charging) light will blink continuously indicating that the charging process has started.
3. The completion of charge will be indicated by the red light remaining ON continuously. The pack is fully charged and may be used at this time or left in the charger.

⚠ DANGER: 120 volts present at charging terminals. Do not probe with conductive objects. Danger of electric shock or electrocution.

Using Automatic Tune-Up™ Mode

The Automatic Tune-Up™ Mode equalizes or balances the individual cells in the battery pack allowing it to function at peak capacity. Battery packs should be tuned up after every 10th charge/ discharge cycle or whenever the pack no longer delivers the same amount of work. To use the automatic tune-up mode, simply place the battery pack in the charger and leave it for at least eight hours. The charger will cycle through the following modes.

1. The red light will blink continuously indicating that the 1-hour charge cycle has started.
2. When the 1-hour charge cycle is complete, the light will stay on continuously and will no longer blink. This indicates that the pack is fully charged and can be used at this time.
3. Whenever the pack is left in the charger after the initial 1-hour charge, the charger will begin the Automatic Tune-Up™ Mode. This mode continues up to 8 hours or until the individual cells in the battery pack are equalized. The battery pack is ready for use and can be removed at any time during the Tune-Up™ Mode.
4. Once the Automatic Tune-Up Mode is complete the charger will transition to a maintenance charge; no indicator light shows the completion of the Automatic Tune-Up™ Mode.

The best place to keep your battery pack is on the charger at all times because batteries slowly lose their charge when they are not on the charger.

Indicator Light Operation

PACK CHARGING.....

FULLY CHARGED.....

HOT/COLD PACK DELAY.....

[illegible]

PROBLEM POWER LINE.....● ● ● ● ● ● ● ● ● ● ● ● ● ●

Charge Indicators

Some chargers are designed to detect certain problems that can arise with battery packs. Problems are indicated by the red light flashing at a fast rate. If this occurs, re-insert battery pack into the charger. If the problem persists, try a different battery pack to determine if the charger is OK. If the new pack charges correctly, then the original pack is defective and should be returned to a service center or other collection site for recycling. If the new battery pack elicits the same trouble indication as the original, have the charger tested at an authorized service center.

HOT/COLD PACK DELAY

Some chargers have a Hot/Cold Pack Delay feature: when the charger detects a battery that is hot, it automatically starts a Hot Pack Delay, suspending charging until the battery has cooled. After the battery has cooled, the charger automatically switches to the Pack Charging mode. This feature ensures maximum battery life. The red light flashes long, then short while in the Hot Pack Delay mode.

PROBLEM POWER LINE

Some chargers have a Problem Power Line indicator. When the charger is used with some portable power sources such as generators or sources that convert DC to AC, the charger may temporarily suspend operation, **flashing the red light with two fast blinks followed by a pause**. This indicates the power source is out of limits.

LEAVING THE BATTERY PACK IN THE CHARGER

The charger and battery pack can be left connected with the red light glowing indefinitely. The charger will keep the battery pack fresh and fully charged.

NOTE: A battery pack will slowly lose its charge when kept out of the charger. If the battery pack has not been kept on maintenance charge, it may need to be recharged before use. A battery pack may also slowly lose its charge if left in a charger that is not plugged into an appropriate AC source.

WEAK BATTERY PACKS: Chargers can also detect a weak battery. Such batteries are still usable but should not be expected to perform as much work. In such cases, about 10 seconds after battery insertion, the charger will beep rapidly 8 times to indicate a weak battery condition. The charger will then go on to charge the battery to the highest capacity possible.

NOTE: A battery pack will slowly lose its charge when kept out of the charger. If the battery pack has not been kept on maintenance charge, it may need to be recharged before use. A battery pack may also slowly lose its charge if left in a charger that is not plugged into an appropriate AC source.

Fan Cooling

This charger is equipped with an internal fan that provides rapid cooling of DEWALT DW0242 battery packs. The fan operation is automatic and will turn on when required during battery charging. This procedure is of great benefit for a pack that has finished a useable cycle. Place the battery pack into the charger immediately after use so that the fan can cool the cells and prolong the life of the battery pack.

▲ WARNING: Fan may blow debris from vent area at any time. Keep face and eyes away from area above vents. To minimize the risk of eye injury, always use eye protection.

Important Charging Notes

1. Longest life and best performance can be obtained if the battery pack is charged when the air temperature is between 65°F and 75°F (18°- 24°C). DO NOT charge the battery pack in an air temperature below +40°F(+4.5°C), or above +105°F (+40.5°C). This is important and will prevent serious damage to the battery pack.
2. The charger and battery pack may become warm to touch while charging. This is a normal condition, and does not indicate a problem.
3. If the battery pack does not charge properly — (1) Check power at receptacle by plugging in a lamp or other appliance. (2) Check to see if receptacle is connected to a light switch which turns power off when you turn out the lights. (3) Move charger and battery pack to a location where the surrounding air temperature is approximately 65°F - 75°F (18°- 24°C). (4) If charging problems persist, take or send the tool, battery pack and charger to your local service center.

⚠️**ADVERTENCIA:** El ventilador puede hacer volar residuos del área de ventilación en cualquier momento. Mantenga la cara y los ojos lejos del área de ventilación. Para reducir el peligro de lesiones en los ojos, use siempre lentes protectores.

Notas importantes sobre la carga

- Se puede obtener mejor rendimiento y más larga vida si la batería se carga cuando la temperatura oscila entre 18° y 24°C (65°F - 75°). NO cargue la batería cuando la temperatura sea inferior a +4.5°C (+40°F), o superior a +40.5°C (+105°F). Esto es muy importante y le evitará serios daños a la batería.
- El cargador y la batería pueden sentirse calientes al tacto durante la carga. Esto es una condición normal y no indica ningún problema.
- Si la batería no carga apropiadamente — (1) Verifique la corriente en la toma conectando una lámpara u otro aparato eléctrico, (2) Verifique si la toma está conectada a un interruptor que corte la corriente cuando apaga las luces. (3) Lleve el cargador con la batería a un lugar en donde la temperatura del aire que los rodee esté entre 18° y 24°C (65°F - 75°F). (4) Si persisten los problemas de carga, lleve o envíe la herramienta, la batería y el cargador a su centro de servicio local.
- La batería debe recargarse cuando deja de producir suficiente potencia en trabajos que se hicieron fácilmente con anterioridad. NO CONTINUE usándola en estas condiciones. Siga los procedimientos de carga. Usted puede cargar una batería parcialmente usada cuando lo desee sin que ésta sufra efectos adversos.
- Las baterías DeWALT que estén etiquetadas “NiMH” deberán utilizarse únicamente con cargadores que estén etiquetados como “NiMH” o “NiCd/NiMH”.
- Bajo ciertas condiciones, con el cargador conectado a la toma de corriente, los contactos de carga expuesto dentro del cargador pueden hacer contacto entre sí debido a algún material externo. Los materiales externos de naturaleza conductora tales como alambre de acero, papel aluminio o cualquier tipo de partícula metálica deben conservarse alejados de las cavidades del cargador. Desconecte siempre el cargador de la toma de corriente cuando no tenga cargando una batería. También desconéctelo antes de intentar limpiarlo.
- No sumerja el cargador en agua u otro líquido.
- No exponga el cargador a condiciones húmedas o mojadas.
- No trate de cargar grupos de baterías mojadas.

Importante

Este producto no debe ser reparado por el usuario. No contiene partes susceptibles de repararse en el interior. Se requiere llevarlo a servicio a un centro autorizado para evitar dañar los componentes internos sensibles a la estática.

LEA TODAS LAS INSTRUCCIONES DE ESTE MANUAL ANTES DE INTENTAR CARGAR LA BATERIA PARA SU HERRAMIENTA.

Para garantizar la SEGURIDAD y la CONFIABILIDAD, deberán hacerse reparaciones, mantenimiento y ajustes de esta herramienta en los centros autorizados de servicio DeWALT u otras organizaciones autorizadas que empleen siempre refacciones legítimas DeWALT.

Reparaciones

Para garantizar la SEGURIDAD y la CONFIABILIDAD, deberán hacerse reparaciones, mantenimiento y ajustes de esta herramienta en los centros autorizados de servicio DeWALT u otras organizaciones autorizadas. Estas organizaciones prestan servicio a las herramientas DeWALT y emplean siempre refacciones legítimas DeWALT.

Póliza de Garantía

IDENTIFICACIÓN DEL PRODUCTO:

Sello o firma del Distribuidor.

Nombre del producto: _____

Mod./Cat.: _____

Marca: _____

Núm. de serie: _____

(Datos para ser llenados por el distribuidor)

Fecha de compra y/o entrega del producto: _____

Nombre y domicilio del distribuidor donde se adquirió el producto: _____

Este producto está garantizado por un año a partir de la fecha de entrega, contra cualquier defecto en su funcionamiento, así como en materiales y mano de obra empleados para su fabricación. Nuestra garantía incluye la reparación o reposición del producto y/o componentes sin cargo alguno para el cliente, incluyendo mano de obra, así como los gastos de transportación razonablemente erogados derivados del cumplimiento de este certificado.

Para hacer efectiva esta garantía deberá presentar su herramienta y esta póliza sellada por el establecimiento comercial donde se adquirió el producto, de no contar con ésta, bastará la factura de compra.

EXCEPCIONES.

Esta garantía no será válida en los siguientes casos:

- Cuando el producto se hubiese utilizado en condiciones distintas a las normales;
- Cuando el producto no hubiese sido operado de acuerdo con el instructivo de uso que se acompaña;
- Cuando el producto hubiese sido alterado o reparado por personas distintas a las enlistadas al final de este certificado.

Anexo encontrará una relación de sucursales de servicio de fábrica, centros de servicio autorizados y franquiciados en la República Mexicana, donde podrá hacer efectiva su garantía y adquirir partes, refacciones y accesorios originales.

Garantía limitada por tres años

DeWALT reparará, sin cargo, cualquier falla que surja de defectos en el material o la fabricación del producto, por hasta tres años a contar de la fecha de compra. Esta garantía no cubre fallas de las piezas causadas por su desgaste normal o abuso a la herramienta. Para mayores detalles sobre la cobertura de la garantía e información acerca de reparaciones realizadas bajo garantía, visítenos en www.dewalt.com o llámenos al 1 800 433-9258 (1-800-4-DeWALT). Esta garantía no aplica a accesorios o a daños causados por reparaciones realizadas o intentadas por terceros. Esta garantía le otorga derechos legales específicos, además de los cuales puede tener otros dependiendo del estado o provincia en que se encuentre.

Además de la garantía, las herramientas DeWALT están cubiertas por:

1 AÑO DE SERVICIO GRATUITO

DeWALT mantendrá la herramienta y reemplazará las piezas gastadas por su uso normal, sin cobro, en cualquier momento durante un año a contar de la fecha de compra.

GARANTÍA DE REEMBOLSO DE SU DINERO POR 90 DÍAS

Si no está completamente satisfecho con el desempeño de su máquina herramienta, láser o clavadora DeWALT, cualquiera sea el motivo, podrá devolverlo hasta 90 días de la fecha de compra con su recibo y obtener el reembolso completo de su dinero – sin necesidad de responder a ninguna pregunta.

REEMPLAZO DE LAS ETIQUETAS DE ADVERTENCIA GRATUITO: Si sus etiquetas de advertencia se tornan ilegibles o se pierden, llame al 1-800-4-DeWALT para que se las reemplacen sin cost.

PARA REPARACIÓN Y SERVICIO DE SUS HERRAMIENTAS ELÉCTRICAS, FAVOR DE DIRIGIRSE AL CENTRO DE SERVICIO MÁS CERCANO

CULIACAN, SIN Av. Nicolás Bravo #1063 Sur - Col. Industrial Bravo	(667) 7 12 42 11
GUADALAJARA, JAL Av. La Paz #1779 - Col. Americana Sector Juárez	(33) 3825 6978
MEXICO, D.F. Eje Central Lázaro Cárdenas No. 18 Local D, Col. Obrera	(55) 5588 9377
MERIDA, YUC Calle 63 #459-A - Col. Centro	(999) 928 5038
MONTERREY, N.L. Av. Francisco I. Madero No.831 - Col. Centro	(81) 8375 2313
PUEBLA, PUE 17 Norte #205 - Col. Centro	(222) 246 3714
QUERETARO, QRO Av. Madero 139 Pte. - Col. Centro	(442) 214 1660
SAN LUIS POTOSI, SLP Av. Universidad 1525 - Col. San Luis	(444) 814 2383
TORREON, COAH Blvd. Independencia, 96 Pte. - Col. Centro	(871) 716 5265
VERACRUZ, VER Prolongación Díaz Mirón #4280 - Col. Remes	(229) 921 7016
VILLAHERMOSA, TAB Constitución 516-A - Col. Centro	(993) 312 5111

PARA OTRAS LOCALIDADES LLAME AL: (55) 5326 7100

IMPORTADOR: DeWALT S.A. DE C.V.
BOSQUES DE CIDROS ACCESO RADIATAS NO. 42
COL. BOSQUES DE LAS LOMAS, 3A. SECCIÓN, CP 05120
DELEGACIÓN CUAJIMALPA, MÉXICO, D.F
TEL. 5 326 7100
R.F.C.: BDE810626-1W7

Para servicio y ventas consulte
“HERRAMIENTAS ELECTRICAS”
en la sección amarilla.



Battery		Chargers/Charge Time – Chargeurs/Durée de charge (Minutes) – Cargadores de baterías/Tiempo de carga (Minutos)															
		120 Volts								12 Volts							
Cat Number	Voltage	DW9106	DW9118	DW9107	DW9108	DW9116	DW9216	DW9117	DW9117	DW9117	DC011	DW0249	DW0246	DW9109			
DW0242	24	X	X	X	X	X	X	X	X	X	X	60	X	X			
DC9096	18	X	X	X	60	60	60	20	60	60	60	X	X	60			
DW9096	18	X	X	X	60	60	60	20	60	60	60	X	X	60			
DW9098	18	X	X	X	30	30	30	12	30	30	30	X	X	30			
DW9099	18	X	X	X	45	45	45	15	45	45	45	X	X	45			
DC9091	14.4	90	115	60	60	60	60	20	60	60	60	X	X	60			
DW9091	14.4	45	90	45	45	45	45	15	45	45	45	X	X	45			
DW9094	14.4	60	60	30	30	30	30	12	30	30	30	X	X	30			
DC9071	12	90	115	60	60	60	60	20	60	60	60	X	X	60			
DW9071	12	60	90	45	45	45	45	15	45	45	45	X	X	45			
DW9072	12	45	60	30	30	30	30	12	30	30	30	X	X	30			
DW9050	12	40	X	X	X	X	X	X	X	X	X	X	X	X			
DW9061	9.6	60	90	45	45	45	45	15	45	45	45	X	X	45			
DW9062	9.6	45	60	30	30	30	30	12	30	30	30	X	X	30			
DW9048	9.6	40	X	X	X	X	X	X	X	X	X	X	X	X			
DW9057	7.2	45	60	30	30	30	30	12	30	30	30	X	X	30			

X Indicates that the battery pack is not compatible with that specific charger.

X indique que le bloc-piles n’est pas compatible avec ce chargeur.

Una “X” indica que el paquete de baterías no es compatible con ese determinado cargador.

All charge times are approximate. Actual charge time may vary.

Read the instruction manual for more specific information.

Les durées de charge sont approximatives; la durée de charge réelle peut varier.

Lire le manuel d’utilisation pour obtenir des renseignements plus précis.

El tiempo de duración de carga es aproximado; la duración de carga real puede variar.

Lea el manual de instrucciones para obtener información más precisa.