



Cordless Drill/ Driver EPC18/EP C14/EP C12/EP C96

Technical Data		EPC18		EPC14		EPC12		EPC96	
Voltage	V	14.4	12	9.6	9.6	9.6	9.6	9.6	9.6
No Load Speed	rpm	0-750	0-750	0-750	0-750	0-750	0-750	0-750	0-750
Max. Torque	Nm	15	12.1	11	10.4				
Drilling Capacity Wood/Steel	mm	25/10	25/10	25/10	25/10	25/10	25/10	25/10	25/10
Chuck Capacity	mm	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
Net Weight	KG	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Capacity	V	18	14.4	12	9.6				
Volts/Wh	Ah	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Net Weight	kg	0.71	0.57	0.47	0.42				
Approx. Charging Time	Hour	3	3	3	3	3	3	3	3
Net Weight	kg	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

Intended Use

This cordless drill/driver has been designed for drilling wood, metal and plastics and for screwdriving applications. This tool is intended for consumer use only. Your Black & Decker charger has been designed for charging Black & Decker batteries of the type supplied with this tool.

Safety Instructions

When using power tools, always observe the safety regulations applicable in your country to reduce the risk of fire, electric shock, personal injury and material damage. Read the following safety instructions before attempting to operate this product. Keep these instructions in a safe place!

The following symbols are used throughout this manual:

- Denotes risk of personal injury, loss of life or damage to the tool in case of non-observance of the instructions in this manual.
- Denotes risk of electric shock.
- Fire hazard.

- Work Area**
1. **Keep work area clean and bright.** Cluttered areas and benches can cause accidents. Keep work area well lit (250-300 Lux).
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tool sparks that may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.
- Electrical Safety**
2. **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce the risk of electric shock.
3. **Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
4. **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
5. **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.

- Personal Safety**
6. **Stay alert. Watch what you are doing. Use common sense. Do not operate the tool when you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
7. **Use safety equipment. Always wear eye protection.** Everyday eyeglasses only have impact resistant lenses. They are not safety glasses. **Wear safety glasses.** Safety equipment such as dust mask, non-skid safety shoes, hardhat, heat-resistant apron or hearing protection used for appropriate conditions will reduce personal injuries.
8. **Avoid accidental starting. Ensure the switch is in the off position before plugging in.** Carrying power tools with your finger on the switch or plugging in power tools that have the switch on invites accidents.
9. **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
10. **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
11. **Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewelry or long hair can be caught in moving parts.
12. **If devices are provided for dust extraction and collection facilities, ensure these are connected and properly used.** Use of these devices can reduce dust related hazards.
13. **Secure workpiece.** Use clamps or a vice to hold the workpiece. It is safer and it frees both hands to operate the tool.

- Power tool use and care**
14. **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
15. **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
16. **Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
17. **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
18. **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation.** If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
19. **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
20. **Use the power tool, accessories and tool bits etc., in accordance with these instructions and in the power tool's manual.** Read the instructions for the accessories, tools, bits and attachments and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

- Battery tool use and care**
21. **Ensure the switch is in the off position before inserting battery pack.** Inserting the battery pack into power tools that have the switch on invites accidents.
22. **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire with another battery pack.
23. **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
24. **When battery pack is not in use, keep it away from other metal objects like paper clips, coins, keys, nails, screws, or other small metal objects that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
25. **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.
26. **Service**
27. **Use your power tool serviced by a qualified repairperson using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

Additional Safety Instructions for Batteries and Chargers

- Batteries**
 - Never attempt to open for any reason.
 - Do not expose the battery to water.
 - Do not store in locations where the temperature may exceed 40°C.
 - Charge only at ambient temperatures between 4°C and 40°C.
 - Charge only using the charger provided with the tool.
 - When disposing of batteries, follow the instructions given in the section "Protecting the environment".
 - Leaks from battery cells can occur under extreme conditions. The battery fluid, a 25-30% solution of potassium hydroxide, can be harmful. In case of skin contact: (a) wash quickly with soap and water; (b) neutralize with a mild acid such as lemon juice or vinegar. If the liquid gets into the eyes, flush them immediately with clean water for a minimum of 10 minutes. Seek medical attention.
 - Do not incinerate the battery.
 - Do not charge damaged battery packs.
 - Fire hazard! Avoid short-circuiting the contacts of a detached battery (e.g. when storing the battery in a toolbox).

- Chargers**
 - Use your Blank & Decker charger only to charge the battery in the tool with which it was supplied.
 - Other batteries could burst, causing personal injury and damage.
 - Never attempt to charge non-rechargeable batteries.
 - Have defective cords replaced immediately.
 - Do not expose to water.
 - Do not open the charger.
 - Do not probe the charger.
 - The charger is intended for indoor use only.

Specific Safety Rules

- Hot tool by insulated gripping surfaces when performing an operation where the tool may contact hidden wiring or its own cord.** Contact with a "live" wire will also make exposed metal parts of the tool "live" and shock the operator.
- When working on a ladder or on scaffolding be sure to lay the tool down on its side when not in use.** Always use ladders with large ladders. Do not lean against them.
- Avoid touching the tip of a drill bit just after drilling, as it may be hot.**
- When fitting and changing accessories, always use the instructions supplied with the accessory.**
- Should your tool develop a fault, do not try to fix it yourself, but take it to one of our authorized repair agents.**
- Warning:** Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:
 - Lead from lead-based paints.
 - Crystalline silica from bricks and cement and other masonry products, and
 - Arsenic and chromium from chemically treated lumber (CCA).

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles. **Avoid prolonged contact with dust from power sanding, sawing, grinding, drilling, and other construction activities. Wear protective clothing and wash exposed areas with soap and water.** Allowing dust to get into your mouth, eyes, or lay on the skin may promote absorption of harmful chemicals.

Labels on your tool

- They may include the following symbols:
- V volts
- A Amperes
- Hz Hertz
- W Watts
- Min. Minutes
- Alternating current
- Direct current
- No load speed
- Class II construction
- Earthing terminal
- Safety alert symbol
- Revolutions or reciprocation per minute
-/bpm Beats per minute

Labels on Charger and Battery Pack

- In addition to the pictographs used in this manual, the labels on the charger and the battery pack may show the following pictographs:
- The charger is intended for indoor use only
- Read instruction manual before use
- The charger automatically shuts off if the ambient temperature becomes too high. As soon as the ambient temperature has cooled down, the charger will resume operating.
- Charge only at ambient temperatures between 10 °C and 40 °C.
- Do not charge damaged battery packs
- Do not incinerate the battery pack
- Discard the battery pack with due care for the environment
- Save these instructions!

Electrical safety

- Your charger is double insulated, therefore no earth wire is required. Always check that the mains voltage corresponds to the voltage on the rating plate. Never attempt to replace the charger unit with a regular mains plug.
- Important:** To ensure product SAFETY and RELIABILITY, repairs, maintenance and adjustment (other than those listed in this manual) should be performed by authorized service centers or other qualified organizations, always using identical replacement parts. Unit contains no user serviceable parts inside.

Using an Extension Cable

An extension cable should not be used unless absolutely necessary. Use of an improper extension cable could result in a risk of fire and electric shock. If an extension cable must be used, use only those that are approved by the country's Electrical Authority. Make sure that extension cord is in good condition before using. Always use the cord that is suitable for the power input of your charger (see technical data on name plate).

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

Features (Fig.A)

- This tool includes some of all of the following features.
- Variable speed switch or two-speed on/off switch
- Forward/reverse switch
- Mode selector / torque adjustment collar
- Chuck
- Batter
- Battery release button
- Charger
- Charger receptacle

Assembly

Warning! Before assembly, remove the battery from the tool.

Fitting and removing the battery (fig. B)

- To fit the battery (5), line it up with the receptacle on the tool. Slide the battery into the receptacle and push until the battery snaps into place.
- remove the battery, push the release button (6) while at the same time pulling the battery out of the receptacle.

Fitting the battery cap (fig. C)

Warning! Fit the cap (3) to the battery (5) for transportation and storage.

Fitting and removing a drill bit or screwdriver bit (fig. E)

Warning! First remove the battery from the tool.

This tool is fitted with a keyless chuck to allow for an easy exchange of bits.

- Lock the tool by turning the forward/reverse slider (2) to the centre position.
- Open the chuck by setting the front part (10) with one hand while holding the rear part (11) with the other.
- Insert the bit shank (12) into the chuck.
- Firmly tighten the chuck by turning the front part (10) with one hand while holding the rear part (11) with the other.

Removing and refitting the chuck (fig. F)

- Open the chuck as far as possible.
- Remove the chuck retaining screw by turning it clockwise using a screwdriver.
- Tighten an Allen key (13) into the chuck and strike it with a hammer as shown.
- Remove the Allen key.
- Remove the chuck by turning it counterclockwise.
- To refit the chuck, screw it into the spindle and secure it with the chuck retaining screw.

Use

Warning! Let the tool work at its own pace. Do not overload. Charging the battery The battery needs to be charged before first use and whenever it fails to provide sufficient power on jobs that were easily done before. When charging the battery for the first time, or after prolonged storage, it will only accept an 80% charge. After several charge and discharge cycles, the battery will attain full capacity. The battery may become warm while charging; this is normal and does not indicate a problem.

Warning! Do not charge the battery at ambient temperatures below 4 °C or above 40 °C. Recommended charging temperature: approx. 24 °C.

Charger with charger receptacle (fig. D)

- To charge the battery (5), remove it from the tool and slide the charger receptacle (8) onto the battery.
- Plug in the charger (7).

After normal use, a charging time of 3 hours will provide sufficient power for most applications. However, further charging for up to 6 hours could significantly increase the use time, depending on the battery and charging conditions.

- Remove the battery from the charger.
- Selecting the direction of rotation**
Hold the tool by insulated gripping surfaces when performing an operation where the tool may contact hidden wiring or its own cord. Contact with a "live" wire will also make exposed metal parts of the tool "live" and shock the operator.
To select forward rotation, push the forward/reverse slider (2) to the left.
To select reverse rotation, push the forward/reverse slider to the right.
To lock the tool, set the forward/reverse slider into the Switch on at the mains centre position.

Selecting the operating mode or torque (fig. G)

This tool is fitted with a collar to select the operating mode and to set the torque for tightening screws. Large screws and hard workpiece materials require a higher torque setting than small screws and soft workpiece materials. The collar has a wide range of settings to suit your application.
For drilling in wood, metal and plastics, set the collar (3) to the drilling position by aligning the symbol with the marking (14).
For screwdriving, set the collar to the desired setting.
If you do not yet know the appropriate setting, proceed as follows:
- Set the collar (3) to the lowest torque setting.
- Tighten the first screw.
- If the clutch ratchets before the desired result is achieved, increase the collar setting and continue tightening the screw. Repeat until you reach the correct setting. Use this setting for the remaining screws.

Switching on and off

- Variable speed switch**
To switch the tool on, press the variable speed switch (1). The tool speed depends on how far you press the switch.
To switch the tool off, release the variable speed switch.

Hints for optimum use

- Drilling**
 - Always apply a light pressure in a straight line with the drill bit.
 - Just before the drill bit breaks through the other side of the workpiece, decrease pressure on the tool.
 - Use a block of wood to back up workpiece that may splinter.
 - Use spade bits when drilling large diameter holes in wood.
 - Use HSS drill bits when drilling in metal.
 - Use masonry bits when drilling in soft masonry.
 - Use a lubricant when drilling metals other than cast iron and brass.
 - Make an indentation using a centre punch at the centre of the hole to be drilled in order to improve accuracy.

Screwdriving

- Always use the correct type and size of screwdriver bit.
- If screws are difficult to tighten, try applying a small amount of washing liquid or soap as a lubricant.
- Always hold the tool and screwdriver bit in a straight line with the screw.

Maintenance

Your Black & Decker power tool 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. This tool is not user-serviceable. Take it to an authorized Black & Decker repair agent for service. Your charger does not require any maintenance apart from regular cleaning.
Regularly clean the ventilation slots in your tool using a soft brush or dry cloth.
Regularly clean the motor housing using a damp cloth. Do not use any abrasive or solvent-based cleaner.
Regularly open the chuck and tap it to remove any dust from the interior.
Clean the charger before cleaning it.

Important

- To ensure product SAFETY and RELIABILITY, repairs, maintenance and adjustment (other than those listed in this manual) should be performed by authorized service centers or other qualified organizations, always using identical replacement parts. Unit contains no user serviceable parts inside.
- CAUTION:** The use of any non-recommended accessories may be hazardous.

Protecting The Environment

- Rechargeable Batteries**
This product uses nickel-cadmium (NiCd) rechargeable and recyclable batteries, which can be recharged many times to give long life and repeatedly full power. This symbol indicates the NiCd batteries contained within this unit must be disposed of properly and not discarded in everyday household waste, which may be disposed of in an incinerator or landfill site. NiCd batteries can be harmful to the environment and can explode when exposed to fire. Do NOT incinerate or composted.
- Please think of the protection of our environment. Therefore, when the batteries no longer hold a charge, they should be removed from the tool and recycled. Black & Decker recommends the following:
 - Discharge batteries completely by running the unit until the energy is completely discharged and then remove from the tool. Place the battery in suitable packaging to ensure that the terminals cannot be short circuited.
 - Take the battery pack to your local recycling station. If necessary, contact your local municipality for proper disposal instructions in your city/town. The collected battery will be disposed of properly and/or used for recycling purposes whilst protecting the environment.

Unwanted Tools

- Should you find one day that your tool needs replacement, or if it is of no further use to you, think of the protection of the environment. Black & Decker recommends you to contact your local council for disposal information.
- Service Information**
Black & Decker offers a full network of company-owned and authorized service locations throughout Asia. All Black & Decker Service Centers are staffed with trained personnel to provide customers with efficient and reliable power tool service.
Whether you need technical advice, repair, or genuine factory replacement parts, contact the Black & Decker location nearest to you.

Notes

- Black & Decker's policy is one of continuous improvement to our products and, as such, we reserve the right to change product specifications without prior notice.
- Standard equipment and accessories may vary by country.
- Product specifications may differ by country.
- Complete product range may not be available in all countries. Contact your local Black & Decker dealers for range availability.

Bor/ Motor Nirkabel EPC18/EP C14/EP C12/EP C96

Data Teknis

Bor/ Motor Penggerak Nirkabel		EPC18		EPC14		EPC12		EPC96	
Isiungan	V	14.4	12	9.6	9.6	9.6	9.6	9.6	9.6
Kecapatan tanpa beban	rpm	0-750	0-750	0-750	0-750	0-750	0-750	0-750	0-750
Torsi Maksimum	Nm	15	12.1	11	10.4				
Kapasitas Pengisian									
- Kayu/Baja	mm	25/10	25/10	25/10	25/10	25/10	25/10	25/10	25/10
- Besi/ Baja Cuk	mm	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
- Besi/ Berah	KG	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Baterai									
Isiungan	V	18	14.4	12	9.6				
Kapasitas	Ah	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Berat Bersih	kg	0.71	0.57	0.47	0.42				
Perkiraan Waktu Pengisian Daya	Jam	3	3	3	3	3	3	3	3
Berat Bersih	kg	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

Tujuan Penggunaan

Bor/motor Black & Decker telah dirancang untuk mengobor kayu, logam, plastik dan untuk melakukan pemasangan sekrup. Peralatan ini ditujukan hanya untuk penggunaan konsumen. Pengepsi daya Black & Decker dirancang untuk mengisi daya baterai produk Black & Decker yang menyertainya.

Petunjuk Keselamatan

Sebelum menggunakan peralatan listrik ini, perhatikan selalu peraturan keselamatan yang berlaku di negara Anda untuk mengurangi risiko kebakaran, kejutan listrik, cedera diri, dan kerusakan materi. Bacalah petunjuk keselamatan berikut ini sebelum mencoba mengoperasikan produk ini. Simpanlah petunjuk ini di tempat yang aman!

- Simbol-simbol berikut ini digunakan dalam buku petunjuk ini:
 - Menunjukkan risiko cedera badan, kematian atau kerusakan pada peralatan jika petunjuk dalam manual ini tidak diperhatikan.
 - Menunjukkan risiko kejutan listrik.
 - Bahaya kebakaran.

- Area Kerja**
a. **Jaga agar area kerja tetap bersih dan terang.** Area dan bangku kerja yang berantakan dapat menyebabkan kecelakaan. Jaga agar area kerja mendapat pencahayaan yang memadai (250-300 Lux).
- Keselamatan kerja**
b. **Jangan mengoperasikan peralatan listrik ini di lingkungan yang mudah menimbulkan bahaya ledakan, seperti di tempat yang terdapat cairan mudah terbakar, gas atau debu.** Peralatan listrik ini menimbulkan percikan api yang dapat memicu pembakaran debu atau uap.
- Jauhkan anak-anak dan orang yang berada di sekitar, sewaktu mengoperasikan peralatan listrik.** Gangguan dapat menyebabkan Anda kehilangan kendali.

- Keselamatan Kerja Kelistrikan**
a. **Steker peralatan listrik harus sesuai dengan stopkontaknya.** Jangan sekali-kali memodifikasi steker dengan cara apa pun. **Jangan gunakan sembarang steker adaptor dengan peralatan listrik yang dipasangi arde (ground).** Steker yang tidak dimodifikasi dan stopkontak yang sesuai dapat mengurangi risiko kejutan listrik.
b. **Hindari kontak badan dengan permukaan yang dipasangi arde (ground), seperti pipa, radiator, kompor dan kulkas.** Risiko kejutan listrik dapat bertambah jika tubuh Anda tanpa sengaja bertindak sebagai arde.

- Jangan sampai peralatan listrik ini terkena hujan atau terpapar ke kondisi yang basah.** Air yang masuk ke peralatan listrik dapat meningkatkan risiko kejutan listrik.
d. **kabel jangan sampai salah paku.** Jangan sekali-kali menggunakan kabel untuk membawa, menarik atau melepas peralatan listrik. Jauhkan kabel dari panas, minyak, tepi tajam atau komponen yang bergerak. Kabel rusak atau terbelah dapat meningkatkan risiko kejutan listrik.

- Saat mengoperasikan peralatan listrik di luar ruangan, gunakan perpanjangan kabel yang sesuai untuk penggunaan di luar ruangan.** Menggunakan kabel yang sesuai untuk penggunaan di luar ruangan dapat mengurangi risiko kejutan listrik.
3. **Keselamatan Diri**
a. **Tetap waspada. Perhatikan apa yang sedang Anda kerjakan. Gunakan logika.** Jangan mengoperasikan peralatan bila Anda sedang lelah, atau berada di bawah pengaruh obat, alkohol, atau pengobatan. Kelengahan sesaat saja ketika mengoperasikan peralatan listrik dapat menyebabkan cedera badan yang parah.

- Gunakan perlengkapan keselamatan. Selalu kenakan alat pelindung mata.** Kacamata sehari-hari hanya memiliki lensa tawar, namun bukan merupakan kacamata untuk keselamatan. **Kalututupi rambut yang panjang.** Per perlengkapan keselamatan, seperti masker debu, sepatu keselamatan anti-slip, topi pengaman (hardhat), cellemek tahan panas, atau penutup kepala yang digunakan dalam kondisi yang sesuai dapat mengurangi cedera badan.
c. **Hindari menjalankan peralatan secara tak sengaja.** Pastikan sakelar berada pada posisi off sebelum mencolokkan peralatan ke stopkontak. Menjaring peralatan listrik dengan jari pada sakelar atau mencolokkan peralatan listrik ke stopkontak ketika sakelar berada pada posisi hidup dapat menimbulkan kecelakaan.

- Lepaskan semua kunci pengoyotan atau kunci pas sebelum menghidupkan peralatan listrik.** Kunci atau kunci pas yang tertinggal terpasang pada komponen peralatan listrik yang berputar dapat menyebabkan cedera badan.
e. **Jangan mencoba menjangkau sesuatu di luar jangkauan normal. Selalu jaga pijakan dan keseimbangan yang baik.** Dengan pijakan yang baik Anda dapat mengendalikn peralatan listrik secara lebih baik dalam situasi yang tidak terduga.
f. **Kenakan pakaian yang sesuai.** Jangan menggunakan pakaian longgar atau memakai perhiasan. Jauhkan rambut, pakaian dan sarung tangan dari bagian yang bergerak. Pakaian yang longgar, perhiasan atau rambut panjang dapat terperangkap dalam komponen yang bergerak.

- Jika perangkat dilengkapi dengan sambungan untuk fasilitas pengambilan dan pengumpulan limbah, pastikan alat ini dibuang dan digunakan dengan benar.** Menggunakan perangkat ini dapat mengurangi bahaya yang diakibatkan oleh debu.
h. **Pasang dengan baik benda kerja.** Gunakan penjepit atau catok untuk menahan benda kerja. Ini lebih aman dan kedua tangan Anda bebas untuk mengoperasikan peralatan.
4. **Penggunaan dan pemeliharaan peralatan listrik**
a. **Jangan menggunakan peralatan listrik secara paksa. Gunakan peralatan listrik yang benar sesuai penggunaannya.** Peralatan listrik yang tepat akan bekerja lebih baik dan aman sesuai dengan yang telah dirancang untuk peralatannya.
b. **Jangan gunakan peralatan listrik ini jika sakelar tidak dapat menghidupkan dan mematikan peralatan.** Peralatan listrik apa pun yang tidak dapat dikendalikan dengan sakelar dalam berbahaya dan harus diperbaiki.
c. **Cabut steker dari sumber listrik sebelum melakukan penyetelan apa pun, mengganti aksesoris, atau menyipon peralatan listrik.** Tindakan pencegahan demi keselamatan tersebut mengurangi risiko menjalankan peralatan listrik secara tak sengaja.

- Simpan peralatan listrik yang tidak digunakan jauh dari jangkauan anak-anak, dan jangan gunakan alat ini di lingkungan yang mudah menimbulkan bahaya.** Menggunakan perangkat ini dapat mengurangi bahaya yang diakibatkan oleh debu.
h. **Pasang dengan baik benda kerja.** Gunakan penjepit atau catok untuk menahan benda kerja. Ini lebih aman dan kedua tangan Anda bebas untuk mengoperasikan peralatan.
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b. **Jangan gunakan peralatan listrik ini jika sakelar tidak dapat menghidupkan dan mematikan peralatan.** Peralatan listrik apa pun yang tidak dapat dikendalikan dengan sakelar dalam berbahaya dan harus diperbaiki.
c. **Cabut steker dari sumber listrik sebelum melakukan penyetelan apa pun, mengganti aksesoris, atau menyipon peralatan listrik.** Tindakan pencegahan demi keselamatan tersebut mengurangi risiko menjalankan peralatan listrik secara tak sengaja.

- Rawat peralatan listrik. Lakukan pemeriksaan untuk mengetahui apakah ada komponen yang rusak yang mungkin menimbulkan bahaya.** Periksa komponen yang patah, dan kondisi lainnya yang dapat mempengaruhi pengoperasian peralatan listrik. Jika rusak, perbaiki dahulu peralatan listrik sebelum digunakan. Banyak terjadi kecelakaan akibat peralatan listrik yang tidak terawat baik.
b. **Pantau dengan baik kebersihan alat pemotong.** Alat potong yang terawat baik dengan tepi pemotongan yang tajam akan lebih mudah dikendalikan dan lebih kemungkin